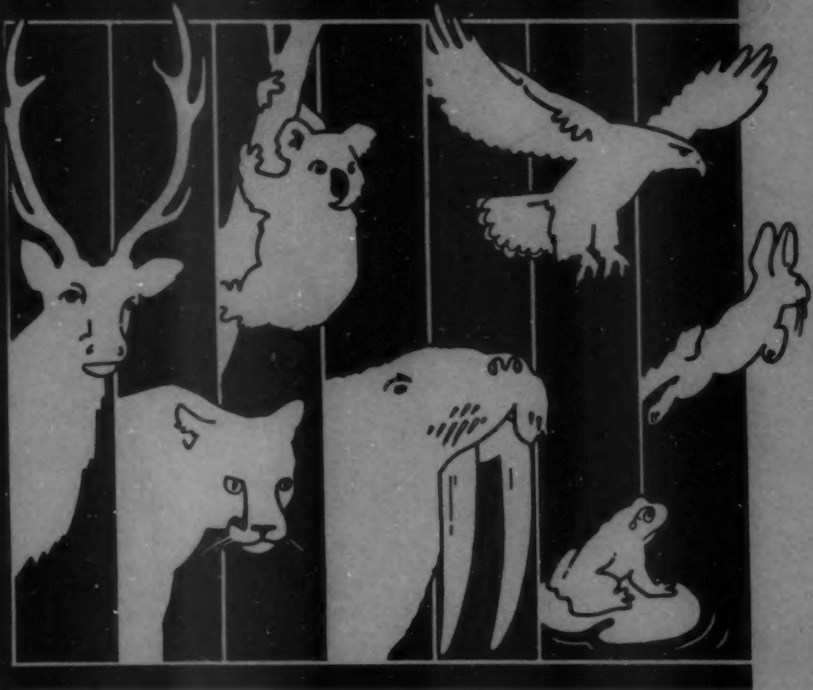
WILDLIFE Review



JUNE 1989

NUMBER 213

CITATION NUMBERS
89–002779 to 89–005884

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

WILDLIFE REVIEW

U.S. DEPARTMENT OF THE INTERIOR
March 3, 1849

Terry N. Sexson
Paul C. Purdy

Compilers

Office of Information Transfer
U.S. Fish and Wildlife Service
1025 Pennock Place
Fort Collins, Colorado 80524

Wildlife Review, a quarterly, serves to alert wildlife biologists of current worldwide literature on wildlife management and conservation. Each issue contains separate Author, Geographic, Subject, and Systematic indices. Authors who publish in journals not screened for *Wildlife Review*, and who would like their publications included, should submit reprints to the Editor.

The U.S. Fish and Wildlife Service assumes no responsibility for the accuracy of material from outside sources.

WILDLIFE *Review*

A current awareness index to wildlife and related literature.

JUNE 1989 CONTENTS NUMBER 213

CONTENTS

Conservation

- Natural Resources 1
- Soils 1
- Conservation Education 2
- Bibliographies, Directories, History, & Biographies 2

Plants

- General, Ecology, and Techniques 2
- Floras, Communities, and Manuals 2
- Habitat Surveys 2

Wildlife

- General 3
- Techniques 4
- Faunas, Natural History, & Manuals 7
- Natural Areas & Refuges 9
- Endangered & Threatened Species 14
- Introductions 15
- Morphology & Physiology 15
- Behavior 16
- Pesticides & Pollution 16
- Parasites & Diseases 17
- Economics, Damage, Predation, & Control 18
- Harvest & Hunting Statistics 19
- Management & Research--General 19
- Management--Nongame 28
- General Ecosystems 28
- Wetlands/Islands/Riparian Habitat & Wildlife 29
- Rangeland/Arid Habitats & Wildlife 40
- Forests & Wildlife 45
- Environmental Impacts & Analysis including Habitat Alterations 47

Mammals

- General 49
- Techniques 50
- Faunas, Communities, & Manuals 51
- Morphology & Physiology 53
- Behavior 53
- Pesticides & Pollution 53
- Parasites & Diseases 55
- Economics, Damage, Predation, & Control 56
- Marsupials 57
- Moles, Shrews, & Other Insectivores 60
- Chiroptera 62
- Furbearers 67
- Rabbits & Pikas 67

Rodents

- General 68
- Sciurids 76
- Beaver, Muskrat, & Nutria 79
- Rattus & Mus 79
- Other Rodents 82

Carnivores

- General 92
- Canids 92
- Bears 94
- Raccoons, Ringtail, & Coati 104
- Mustelids 105
- Felids 108
- Other Carnivores 113
- Marine Mammals 114

Ungulates

- General 131

Cervids

- General 131
- Odocoileus 135
- Other Cervids 137
- Other Ungulates 142
- Primates 147
- Other Mammals 156

Birds

- General 157
- Techniques 158
- Faunas, Communities, & Manuals 159
- Morphology & Physiology 169
- Behavior 170
- Migration & Banding Reports 174
- Mortality & Survival 174
- Pesticides & Pollution 175
- Parasites & Diseases 179
- Economics, Damage, Predation, & Control 180

Gallinaceous Birds

- Grouse & Ptarmigan 181

Phasianidae

- General 183
- Ring-Necked Pheasant & Allies 183
- Other Phasianidae 184
- Turkey 185
- Other Gallinaceous Birds 186
- Doves & Pigeons 186
- Waterbirds 187

Waterfowl

- General 192
- Ducks 194
- Swans & Geese 199
- Loons & Grebes 201
- Shorebirds, Marshbirds, & Allies 203
- Seabirds & Allies 228
- Raptors 235
- Hummingbirds, Swifts, and Allies 251

Woodpeckers and Allies............ 252
Passerine Birds
  General......................... 254
  Blackbirds, Starlings, & Crows.. 255
  Other Passerine Birds........... 259
Psittacine Birds.................. 280
Other Birds....................... 281
Amphibians & Reptiles............. 283
  Amphibians...................... 285
  Reptiles........................ 294
AUTHOR INDEX...................... 315
GEOGRAPHICAL INDEX................ 383
SUBJECT INDEX..................... 403
SYSTEMATIC INDEX-MAMMALS.......... 453
SYSTEMATIC INDEX-BIRDS............ 495
SYSTEMATIC INDEX-AMPHIBIANS/REPTILES 543

BOOK REVIEWS

The Acid Rain Controversy, by J. L. Regens and R. W. Rycroft...... 314

Temperature Biology of Animals, by A. R. Cossins and K. Bowler... 382

America's Neighborhood Bats, by Merlin D. Tuttle................. 402

Wildlife in Transition: Man and Nature in Yellowstone's Northern Range, by Don Despain, Douglas Houston, Mary Meagher, and Paul Schullery.. 493

Ecological and Behavioral Methods for the Study of Bats, edited by T. H. Kunz... 494

Life in the Cold: An Introduction to Winter Ecology, by P. J. Marchand.. 542

AVAILABILITY OF REPRINTS AND PUBLICATIONS

Wildlife Review does not distribute any of the papers cited herein, nor can the editor of *Wildlife Review* obtain copies of these papers for anyone. A reprint of an article published in a journal may be available from the author, from the organization with which the author is affiliated, or from the publisher of the journal in which the article appeared. When an author's address is known, it is shown in square brackets following the citation. Addresses of most wildlife organizations can be obtained from the *Conservation Directory*, an annual publication available from the National Wildlife Federation, 1412 16th St., N.W., Washington, D.C. 20036. This directory lists more than 900 agencies and organizations concerned with natural resources use.

The use of funds for printing this publication was approved by the Director of the Office of Management and Budget, March 3, 1976.

Camera-ready copy for this issue of *Wildlife Review* has been generated by computer programs developed by the Office of Information Transfer, U.S. Fish and Wildlife Service, Fort Collins, CO 80524.

NATURAL RESOURCES

89-002779 Branam, Jeanine M. and Michael G. Buck. CURRENT MULTIRESOURCE INVENTORY DATA: IMPLICATIONS FOR MANAGEMENT. *Trans. West. Sect. Wildl. Soc.* 24:68-71. 1988. WR 213
[Div. For. & Wildl., 1151 Punchbowl St., Rm. 325, Honolulu, HI 96813]

89-002780 Davis, J. R. and P. A. Whigham. INTEGRATED SYSTEMS FOR MANAGING NATURAL AREAS. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 121-131. 1988. WR 213
[CSIRO Div. Water Resour., GPO Box 1666, Canberra, A.C.T. 2601, Australia]

89-002781 Florence, Scott R. COORDINATED RESOURCE MANAGEMENT PLANNING IN THE CLEAR CREEK AREA OF CENTRAL CALIFORNIA. *Trans. West. Sect. Wildl. Soc.* 24:144-147. 1988. WR 213
[U.S. Bur. Land Manage., 1800 Marquess, Las Cruces, NM 88005]

89-002782 Odum, Eugene P. ECOLOGY AND OUR ENDANGERED LIFE-SUPPORT SYSTEMS. *Sinauer Assoc. Inc.* 212p. 1989. Available at $14.95 (paper) from Sinauer Assoc., Inc., Sunderland, MA 01375-0407. WR 213

SOILS

89-002783 Brown, William T. SOIL SURVEY OF CROCKETT COUNTY, TENNESSEE. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 97p. 1988. From Monthly Catalog of U.S. Government Publications 88-17931. Dec. 1988. WR 213

89-002784 Clark, Clair O. SOIL SURVEY OF FERGUS COUNTY, MONTANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 622p. 1988. From Monthly Catalog of U.S. Government Publications 88-15725. Nov. 1988. WR 213

89-002785 Guckian, William J. SOIL SURVEY OF REFUGIO COUNTY, TEXAS. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 123p. 1988. From Monthly Catalog of U.S. Government Publications 88-17933. Dec. 1988. WR 213

89-002786 Haagen, James E. SOIL SURVEY OF TODD COUNTY, KENTUCKY. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 154p. 1987. From Monthly Catalog of U.S. Government Publications 88-17934. Dec. 1988. WR 213

89-002787 McElrath, George. SOIL SURVEY OF MARTIN COUNTY, INDIANA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 148p. 1988. From Monthly Catalog of U.S. Government Publications 88-17932. Dec. 1988. WR 213

89-002788 Soil Conservation Service. SOIL SURVEY OF POWHATAN COUNTY, VIRGINIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 1988. From Monthly Catalog of U.S. Government Publications 88-14325. Oct. 1988. WR 213

89-002789 Soil Conservation Service. SOIL SURVEY OF MUSKOGEE COUNTY, OKLAHOMA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* 188p. 1987. From Monthly Catalog of U.S. Government Publications 88-15726. Nov. 1988. WR 213

CONSERVATION EDUCATION

89-002790 Khan, Mohammad Aii Reza. FUTURE CONSERVATION DIRECTIONS FOR BANGLADESH. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 114-122. 1985. WR 213
[Al Ain Zoo & Aquarium, P.O. Box 1204, Al Ain, Abu Dhabi, United Arab Emirates]

89-002791 Sormin, Benni H. THE SCHOOL OF ENVIRONMENTAL CONSERVATION MANAGEMENT: BOGOR, INDONESIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 130-131. 1985. WR 213
[School Environ. Conserv. Manage., P.O. Box 42, Jl. Gn. Batu, Bogor, Indonesia]

BIBLIOGRAPHIES, DIRECTORIES, HISTORY, AND BIOGRAPHIES

89-002792 Arthur, Stephen M. and William B. Krohn. AN ANNOTATED BIBLIOGRAPHY OF PREDATOR RESEARCH IN MAINE, 1974-1988. *Maine Agric. Exp. Stn. Tech. Bull.* No. 132. 62p. 1988. WR 213
[Dep. Wildl., Univ. Maine, Orono]

PLANTS--GENERAL, ECOLOGY, AND TECHNIQUES

89-002793 Adsersen, Henning. THE RARE PLANTS OF THE GALAPAGOS ISLANDS AND THEIR CONSERVATION. *Biol. Conserv.* 47(1):49-77. 1989. WR 213
[Inst. Plant Ecol., Univ. Copenhagen, Oster Farimagsgade 2D, DK-1353, Copenhagen, Denmark]

89-002794 Escobar, D. E.; J. H. Everitt; W. G. Hart and M. R. Davis. APPLICATIONS OF VIDEOGRAPHY TECHNOLOGY IN NATURAL RESOURCE MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 262-263. 1988. WR 213
[Agric. Res. Serv., Remote Sensing Res. Unit, P.O. Box 267, Weslaco, TX 78596]

PLANTS--FLORAS, COMMUNITIES, AND MANUALS

89-002795 Hulett, Gary K.; Joseph R. Tomelleri and Colleen Orth Hampton. VEGETATION AND FLORA OF A SANDSAGE PRAIRIE SITE IN FINNEY COUNTY, SOUTHWESTERN KANSAS. *Trans. Kans. Acad. Sci.* 91(3-4):83-95. 1988. WR 213
[Dep. Biol. Sci., Fort Hays State Univ., Hays, KS 67601]

PLANTS--HABITAT SURVEYS

89-002796 Cuddihy, Linda W.; Charles P. Stone and J. Timothy Tunison. ALIEN PLANTS AND THEIR MANAGEMENT IN HAWAII VOLCANOES NATIONAL PARK. *Trans. West. Sect. Wildl. Soc.* 24:42-46. 1988. WR 213
[HAVO, P.O. Box 52, Hawaii Natl. Park, HI 96718]

89-002797 DiMaria, Salvatore. A REMOTE SENSING METHODOLOGY FOR CLASSIFYING LAND COVER IN BOSQUE DEL APACHE NATIONAL WILDLIFE REFUGE. *M.A. thesis, Univ. N.M.* 138p. 1988. From Masters Abstr. Int. 27(1):84. 1989. Order No. MA1334134. WR 213

PLANTS--HABITAT SURVEYS (CONTINUED)

89-002798 Huang, Chih-Lin. DISTRIBUTION AND ABUNDANCE OF PLANTS ON THE MONTLAKE WILDLIFE AREA. *Ph.D. dissertation, Univ. Wash.* 169p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3568. 1989. Order No. DA8826393. WR 213

89-002799 McLeod, Donald Evans. VEGETATION PATTERNS, FLORISTICS, AND ENVIRONMENTAL RELATIONSHIPS IN THE BLACK AND CRAGGY MOUNTAINS OF NORTH CAROLINA. *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 236p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3653. 1989. Order No. DA8823454. WR 213

WILDLIFE--GENERAL

89-002800 Abrahamson, Warren G. PLANT-ANIMAL INTERACTION: AN OVERVIEW. *In: Plant-Animal Interactions. Warren G. Abrahamson, editor.* p. 1-27. 1989. WR 213
[Dep. Biol., Bucknell Univ., Lewisburg, PA 17837]

89-002801 Abrahamson, Warren G., editor. PLANT-ANIMAL INTERACTIONS. *McGraw-Hill Book Co.* 480p. 1989. WR 213
[Dep. Biol., Bucknell Univ., Lewisburg, PA 17837] Selected chapters indexed in this issue of *Wildlife Review.*

89-002802 Gilpin, Michael E. MINIMUM VIABLE POPULATIONS: A RESTORATION ECOLOGY PERSPECTIVE. *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors.* p. 301-305. 1987. WR 213
[Dep. Biol., Univ. Calif., La Jolla 92093]

89-002803 Hsu, Minna and Tony J. Peterle. USE OF ARTIFICIAL NEST CAVITIES ALONG OHIO INTERSTATE HIGHWAYS BY BLUEBIRDS (*SIALIA SIALIS*) AND MICE (*PEROMYSCUS*). *Ohio J. Sci.* 89(2):44. 1989. Abstract only. WR 213
[Dep. Zool., Ohio State Univ., Columbus 43210]

89-002804 Lacy, Robert C. GENETIC VARIABILITY IN CAPTIVE STOCKS: ASSESSING PAST LOSS, PRESENT STATUS, AND FUTURE OUTLOOK. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 113-121. 1988. WR 213
[Chicago Zool. Park, Brookfield, IL 60513]

89-002805 MacMillan, Susan, editor. WILDLIFE/LIVESTOCK INTERFACES ON RANGELANDS. PROCEEDINGS OF A CONFERENCE HELD TO TAITA HILLS LODGE, KENYA APRIL 22-25, 1985. *Inter-Afr. Bur. Anim. Resour.* 212p. 1986. WR 213
[Stellagraphics, Ltd., P.O. Box 42271, Nairobi, Kenya] Selected chapters indexed in this issue of *Wildlife Review.*

89-002806 Nagy, Kenneth A. HOW DO DESERT ANIMALS GET ENOUGH WATER? *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors.* p. 89-98. 1987. WR 213
[Univ. Calif., Los Angeles 90024]

89-002807 Pikula, Jiri and Miroslava Beklova. PERIODIC FLUCTUATIONS IN POPULATION LEVEL OF GAME ANIMALS. *Prirodoved. Pr. Ustavu Cesk. Akad. Ved Brne* 22(6):1-46. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., Czech. Acad. Sci., Kvetna 8, 603 65 Brno, Czechoslovakia] *Phasianus colchicus, Perdix perdix, Coturnix coturnix, Anas platyrhynchos, Lepus capensis, Capreolus capreolus, Sus scrofa, Cervus elaphus,* and *Oryctolagus cuniculus* in Czechoslovakia.

WILDLIFE--GENERAL (CONTINUED)

89-002808 Pimm, Stuart L.; H. Lee Jones and Jared Diamond. ON THE RISK OF EXTINCTION. *Am. Nat.* 132(6):757-785. 1988. WR 213
[Dep. Zool. & Grad. Program Ecol., Univ. Tenn., Knoxville 37996-1610]

89-002809 Reichard, Tim. NUTRITIONAL CARE OF EXOTIC ANIMALS. *Proc. SAVMA '85 Symp.* p. 224-225. 1985. WR 213
[Toledo Zoo, Toledo, OH]

89-002810 Thakur, R. K. WILDLIFE TRADE. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 563-568. 1986. WR 213
[Desert Regional Stn., Zool. Surv. India, Jodhpur, India]

89-002811 Warner, Richard E.; Stephen P. Havera; Larry M. David and Richard J. Siemers. SEASONAL ABUNDANCE OF WASTE CORN AND SOYBEANS IN ILLINOIS. *J. Wildl. Manage.* 53(1):142-148. 1989. WR 213
[Nat. Hist. Surv., Champaign, IL 61820]

89-002812 Werner, Y. L., editor. PROCEEDINGS OF THE MEETING OF THE ZOOLOGICAL SOCIETY OF ISRAEL (SECOND SERIES, TWENTY-FOURTH MEETING). *Isr. J. Zool.* 35(1-2):75-107. 1988/89. WR 213
[Hebrew Univ., Jerusalem, Israel]

WILDLIFE--TECHNIQUES

89-002813 Alkon, P. U. COORDINATING WILDLIFE TELEMETRY APPLICATIONS IN ISRAEL. *Isr. J. Zool.* 35(1-2):99. 1988/89. Abstract only. WR 213
[Mitrani Cent. Desert Ecol., Jacob Blaustein Inst. Desert Res., Ben Gurion Univ. Negev, 84993 Sede Boqer Campus, Israel]

89-002814 Armour, Carl L. and Samuel C. Williamson. GUIDANCE FOR MODELING CAUSES AND EFFECTS IN ENVIRONMENTAL PROBLEM SOLVING. *U.S. Fish Wildl. Serv. Biol. Rep.* 89(4):21p. 1988. Avilable from U.S. Fish & Wildl. Serv., NERC, 2627 Redwing Rd., Fort Collins, CO 80526-2899. WR 213
[U.S. Fish & Wildl. Serv., Natl. Ecol. Res. Cent., 2627 Redwing Rd., Fort Collins, CO 80526-5899]

89-002815 Beaver, Paul. TOURISM, CONSERVATION AND WILDLIFE REHABILITATION CONSIDERATIONS FOR THE AMAZON RAIN FOREST. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:181-186. 1988. WR 213
[Amazon Conserv. Found., Inc., 18328 Gulf Blvd., Indian Shores, FL 34644]

89-002816 Beaver, Paul, editor. WILDLIFE REHABILITATION: A PUBLICATION OF THE PROCEEDINGS OF THE NATIONAL WILDLIFE REHABILITATION SYMPOSIUM, FEBRUARY 18-21, 1982. *Suffolk Book Mfg. Inc.* 181p. 1982. WR 213
[Willowbrook For. Preserve, 525 S. Park Blvd., Glen Ellyn, IL 60137]

89-002817 Brauer, Fred; David Rollins and A. C. Soudack. HARVESTING IN POPULATION MODELS WITH DELAYED RECRUITMENT AND AGE-DEPENDENT MORTALITY. *Nat. Resour. Modeling* 3(1):45-62. 1988. WR 213
[Dep. Math., Univ. Wis., Madison 53706]

89-002818 Brown, Richard D. GETTING STARTED IN WILDLIFE EDUCATION: BREAKING DOWN THOSE BARRIERS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:145-156. 1987. WR 213
[Carolina Raptor Cent., Inc., P.O. Box 16443, Charlotte, NC 28297-6443]

WILDLIFE--TECHNIQUES (CONTINUED)

89-002819 Buhyoff, Gregory J., editor. PROCEEDINGS: RESOURCE TECHNOLOGY 88. INTERNATIONAL SYMPOSIUM ON ADVANCED TECHNOLOGY IN NATURAL RESOURCE MANAGEMENT. LINCOLN CENTER, FORT COLLINS, COLORADO, USA, JUNE 20-23, 1988. *Am. Soc. Photogram. Remote Sens.* 277p. 1988. Available from Am. Soc. Photogram. & Remote Sens., 210 Little Falls St., Falls Church, VA 22046. WR 213
[School For. & Wildl. Resour., VPI&SU, 324 Cheatham Hall, Blacksburg, VA 24061] Selected papers included in this issue of *Wildlife Review*.

89-002820 Bunck, Christine M. ANALYSIS OF SURVIVAL DATA FROM TELEMETRY PROJECTS. *J. Raptor Res.* 21(4):132-134. 1987. WR 213
[Patuxent Wildl. Res. Cent., U.S. Fish & Wildl. Serv., Laurel, MD 20708]

89-002821 Duke, Gary E. WILDLIFE REHABILITATION: IS IT SIGNIFICANT? *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:141-144. 1987. WR 213
[Raptor Res. & Rehab. Program, Univ. Minn., St. Paul 55108]

89-002822 Emlen, John M. and Ellen K. Pikitch. ANIMAL POPULATION DYNAMICS: IDENTIFICATION OF CRITICAL COMPONENTS. *Ecol. Model.* 44(3/4):253-273. 1989. WR 213
[Naval Support Fac., Natl. Fish. Res. Cent., U.S. Fish & Wildl. Serv., Seattle, WA 98115]

89-002823 Fuller, Mark R. APPLICATIONS AND CONSIDERATIONS FOR WILDLIFE TELEMETRY. *J. Raptor Res.* 21(4):126-128. 1987. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-002824 Geissley, Paul H. and Mark R. Fuller. DETECTING AND DESCRIBING THE STRUCTURE OF AN ANIMAL'S HOME RANGE. *J. Raptor Res.* 21(4):138. 1987. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-002825 Hanson, J. D.; J. W. Skiles and W. J. Parton. A MULTI-SPECIES MODEL FOR RANGELAND PLANT COMMUNITIES. *Ecol. Modell.* 44(1/2):89-123. 1988. WR 213
[U.S. Dep. Agric. Res. Serv., Crops Res. Lab., 1701 Center Ave., Fort Collins, CO 80526]

89-002826 Holt, Don. IMPLEMENTING AI SYSTEMS IN RESOURCE MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 168-179. 1988. WR 213
[Agric. Exp. Stn., 1301 W. Gregory Dr., Urbana, IL 61801]

89-002827 Horton, Richard H. PUBLIC EDUCATION BY THE NATIONAL WILDLIFE REHABILITATORS ASSOCIATION: A SURVEY REPORT. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:127-140. 1987. WR 213
[New England Wildl. Cent., 146A Justice Cushing Hwy., Hingham, MA 02043]

89-002828 Hughes, Jay M. OPPORTUNITIES FOR ADVANCED TECHNOLOGY IN NATURAL RESOURCE MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 1-3. 1988. WR 213
[Coll. For. & Nat. Resour., Colo. State Univ., Fort Collins 80523]

WILDLIFE--TECHNIQUES (CONTINUED)

89-002829 Joosten, Sally. LIVING WITH WILDLIFE: A PREVENTIVE APPROACH FOR WILDLIFE REHABILITATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:163-169. 1982. WR 213
[McHenry County Conserv. Dist., 6512 Harts Rd., Ringwood, IL 60072]

89-002830 Lerman, Mark. ANESTHESIA OF SELECTED WILD SPECIES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:116-122. 1982. WR 213
[68 W. Eckerson Rd., Spring Valley, NY 10977]

89-002831 Loh, Douglas K.; Kevin J. English; Yew-Kuan Choo; Yi-Te Chu and Moses Sun. INTEGRATED NATURAL RESOURCE MANAGEMENT AUTOMATION - THE KNOWLEDGE SHOP. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 158-167. 1988. WR 213
[Dep. Range Sci., Tex. A&M Univ., College Station 77843]

89-002832 Ludwig, Daniel R. SELECTION OF RELEASE SITES AND POST-RELEASE STUDIES FOR REHABILITATED WILDLIFE. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:25-36. 1982. WR 213
[For. Preserve Dist., P.O. Box 2339, Glen Ellyn, IL 60137]

89-002833 Mackey, Daniel James, editor. WILDLIFE REHABILITATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:169p. 1987. WR 213

89-002834 Mackey, Daniel James, editor. WILDLIFE REHABILITATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:209p. 1988. WR 213

89-002835 Meretsky, Vicky J., technical editor. EXPERIMENTAL DESIGN AND DATA ANALYSIS FOR TELEMETRY PROJECTS: SUMMARY OF A WORKSHOP. *J. Raptor Res.* 21(4):125. 1987. WR 213
[Condor Res. Cent., 2291A Portola Rd., Ventura, CA 93003]

89-002836 Meretsky, Vicky J. BASIC TECHNIQUES FOR ANALYZING MOVEMENT AND HOME-RANGE DATA. *J. Raptor Res.* 21(4):135-137. 1987. WR 213
[Condor Res. Cent., 2291A Portola Rd., Ventura, CA 93003]

89-002837 Mueller, Lori R. VOLUNTEERS: THE BACKBONE OF OUR REHABILITATION PROGRAM. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:157-164. 1987. WR 213
[Wildl. ARC, 5800 N. Lovers Ln. Rd., Milwaukee, WI 53225]

89-002838 Mumford, Deborah Ann A. RAISING ORPHANED WILDLIFE: ITS PLACE IN CONSERVATION EDUCATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:152-156. 1982. WR 213
[Pace Univ. Environ. Cent., Pleasantville, NY]

89-002839 Pace, Richard Mears. RADIO-TRACKING WILDLIFE BY TRIANGULATION: AN EVALUATION OF DIRECTIONAL MEASUREMENT ERRORS AND LOCATION ESTIMATORS. *Ph.D. dissertation, Purdue Univ.* 174p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3531. 1989. Order No. DA8825568. WR 213

89-002840 Petersen, Ursula C. FIRST AID FOR WILDLIFE - EDUCATION FOR THE GENERAL PUBLIC. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:161-163. 1982. WR 213
[3596 Lake Farm Rd., Madison, WI 53711]

WILDLIFE--TECHNIQUES (CONTINUED)

89-002841 Pollock, Ken. EXPERIMENTAL DESIGN OF TELEMETRY PROJECTS. *J. Raptor Res.* 21(4):129-131. 1987. WR 213
[Dep. Stat., N.C. State Univ., P.O. Box 8203, Raleigh 27695-8203]

89-002842 Raphael, Martin G. and Glen E. Brink. BOOTSTRAP ESTIMATION OF HOME RANGE AREA: USER'S GUIDE TO PROGRAM HOMERANG. *U.S. For. Serv. Gen. Tech. Rep.* RM-165. 14p. 1988. Available from U.S. For. Serv., Rocky Mountain For. & Range Exp. Stn., 240 W. Prospect St., Fort Collins, CO 80526. WR 213
[For. Sci. Lab., 222 S. 22nd St., Laramie, WY 82070]

89-002843 Raphael, Martin G. A PORTABLE DATA-ACQUISITION SYSTEM FOR RECORDING WILDLIFE COUNTS. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 234-235. 1988. WR 213
[Rocky Mt. For. & Range Exp. Stn., 222 S. 22nd St., Laramie, WY 82070]

89-002844 Rolla, Donald A. REHABILITATORS AND THE PUBLIC: FOR WILDLIFE'S SAKE, WHO NEEDS WHO? *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:156-161. 1982. WR 213
[Elsa Wild Anim. Appeal, 994 S. Saylor Ave., Elmhurst, IL 60126]

89-002845 Saarenmaa, H.; N. D. Stone; L. J. Folse; J. M. Packard; W. E. Grant; M. E. Makela and R. N. Coulson. AN ARTIFICIAL INTELLIGENCE MODELLING APPROACH TO SIMULATING ANIMAL/HABITAT INTERACTIONS. *Ecol. Modell.* 44(1/2):125-141. 1988. WR 213
[Finnish For. Res. Inst., Unioninkatu 40 A, 00170 Helsinki, Finland]

89-002846 Smythe, Victoria. WILDLIFE VISIONS: THE MEDIUM IS THE MESSAGE. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:165-169. 1987. WR 213
[New England Wildl. Cent., Inc., 146A Justice Cushing Hwy., Hingham, MA 02043]

89-002847 Sparrow, Paula and Thomas M. Turner. WILDLIFE ORTHOPEDICS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:111-116. 1982. WR 213
[For. Preserve Dist., Willowbrook For. Preserve, 525 S. Park Blvd., Glen Ellyn, IL 60137]

89-002848 Weinhardt, Diane. WILD ORPHANS - ZOO STYLE. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:137-143. 1982. WR 213
[Lincoln Park Zoo, 2200 N. Cannon Dr., Chicago, IL 60614]

89-002849 Worton, B. J. KERNEL METHODS FOR ESTIMATING THE UTILIZATION DISTRIBUTION IN HOME-RANGE STUDIES. *Ecology* 70(1):164-168. 1989. WR 213
[Mathematical Inst., Univ. Kent, Cantebury, Kent CT2 7NF, England]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS

89-002850 Brockie, R. E. and Abdul Moeed. ANIMAL BIOMASS IN A NEW ZEALAND FOREST COMPARED WITH OTHER PARTS OF THE WORLD. *Oecologia (Berl.)* 70(1):24-34. 1986. WR 213
[Ecol. Div., Dep. Sci. & Ind. Res., Private Bag, Lower Hutt, New Zealand]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

89-002851 Brooke, R. K. and A. J. Prins. REVIEW OF ALIEN SPECIES ON SOUTH AFRICAN OFFSHORE ISLANDS. *S. Afr. J. Antarct. Res.* 16(3):102-109. 1986. In English with Afrikaans summ. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

89-002852 Brooks, Robert T.; Thomas S. Frieswyk and Arthur Ritter. FOREST WILDLIFE HABITAT STATISTICS FOR MAINE 1982. *U.S. For. Serv. Northeast. For. Exp. Stn. Resour. Bull.* NE-RB-96. 146p. 1986. From Monthly Catalog of U.S. Government Publications 88-17896. Dec. 1988. WR 213

89-002853 Curry-Lindahl, Kai. [MAMMALS, AMPHIBIANS, & REPTILES.] *Norstedts Forlag* 396p. 1988. In Swedish. Available from Norstedts Forlag, P.O. Box 2052, S-103 12 Stockholm, Sweden. WR 213

89-002854 Dove, Louise E. URBAN REFUGES II. CEMETERIES AND CHURCHYARDS. *Urban Wildl. Manage. Notebook* No. 17. 8p. 1988. Available at $0.50 from Natl. Inst. Urban Wildl., 10921 Trotting Ridge Way, Columbia, MD 21044. WR 213

89-002855 Johnsingh, A. J. T. and Justus Joshua. THE THREATENED GALLERY FOREST OF THE RIVER TAMBIRAPARANI, MUNDANTHURAI WILDLIFE SANCTUARY, SOUTH INDIA. *Biol. Conserv.* 47(4):273-280. 1989. WR 213
[Wildl. Inst. India, New Forest, Dehra Dun-248 006, India]

89-002856 Leedy, Daniel L. and Lowell W. Adams. WILDLIFE IN URBAN AND DEVELOPING AREAS: AN OVERVIEW AND HISTORICAL PERSPECTIVE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 8-20. 1986. WR 213
[Natl. Inst. Urban Wildl., 10921 Trotting Ridge Way, Columbia, MD 20144]

89-002857 Majupuria, Trilok Chandra. ECOLOGICAL DISTRIBUTION OF WILDLIFE. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 94-103. 1986. WR 213
[Tribhuvan Univ., Kirtipur, Kathmandu, Nepal]

89-002858 Majupuria, Trilok Chandra, editor. WILDLIFE WEALTH OF INDIA. (RESOURCES & MANAGEMENT). *Tecpress Serv. L.P.* 656p. 1986. WR 213
[Tribhuvan Univ., Kirtipur, Kathmandu, Nepal] Selected papers indexed in this issue of *Wildlife Review*.

89-002859 McEwen, Lowell C. and Lawrence R. DeWeese. WILDLIFE AND PEST CONTROL IN THE SAGEBRUSH ECOSYSTEM: BASIC ECOLOGY AND MANAGEMENT CONSIDERATIONS. *U.S. Dep. Agric. Agric. Res. Serv.* ARS-50. p. 76-85. 1987. WR 213
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523]

89-002860 McShane, T. O. and E. McShane-Caluzi. THE HABITATS, BIRDS AND MAMMALS OF VWAZA MARSH GAME RESERVE, MALAWI. *Nyala* 12(1/2):39-66. 1988. WR 213
[Wildl. Res. Unit, Private Bag 6, Rumphi, Malawi]

89-002861 Putnam, Charley. THE DEVELOPMENT AND APPLICATION OF HABITAT STANDARDS FOR MAINTAINING VERTEBRATE SPECIES DIVERSITY ON A NATIONAL FOREST. *Nat. Areas J.* 8(4):256-266. 1988. WR 213
[Mark Twain Natl. For., P.O. Box 69, Van Buren, MO 63965]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

89-002862 Quy, Vo. RARE SPECIES AND PROTECTION MEASURES PROPOSED FOR VIETNAM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 98-102. 1985. WR 213
[Fac. Biol., Univ. Hanoi, Hanoi, Vietnam]

89-002863 Raphael, Martin G. WILDLIFE-TANOAK ASSOCIATIONS IN DOUGLAS-FIR FORESTS OF NORTHWESTERN CALIFORNIA. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 183-189. 1987. WR 213
[Rocky Mountain For. & Range Exp. Stn., U.S. For. Serv., Fort Collins, CO]

89-002864 Saunders, Denis and Richard Hobbs. CORRIDORS FOR CONSERVATION. *New Sci.* 121(1649):63-68. 1989. WR 213
[CSIRO, Div. Wildl. & Ecol., Perth, W.A., Australia]

89-002865 Singh, Narayan. FORESTS AND WILDLIFE. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 58-63. 1986. WR 213
[I.F.S., Krishi Bhavan, New Delhi-110 001, India]

89-002866 Stair, John L. PETS OR PEST: A MATTER OF PERSPECTIVE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 38-42. 1986. WR 213
[Wildl. & Range Ext., Univ. Ariz., Tucson 85721]

89-002867 Verner, Jared. THE IMPORTANCE OF HARDWOOD HABITATS FOR WILDLIFE IN CALIFORNIA. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 162. 1987. WR 213
[Pac. Southwest For. & Range Exp. Stn., U.S. For. Serv., Fresno, CA]

89-002868 Watkins, B. P. and J. Cooper. INTRODUCTION, PRESENT STATUS AND CONTROL OF ALIEN SPECIES AT THE PRINCE EDWARD ISLANDS, SUB-ANTARCTIC. *S. Afr. J. Antarct. Res.* 16(3):86-94. 1986. In English with Afrikaans summ. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

89-002869 Yahner, Richard H. CHANGES IN WILDLIFE COMMUNITIES NEAR EDGES. *Conserv. Biol.* 2(4):333-339. 1988. In English with Spanish summ. WR 213
[School For. Resour., Pa. State Univ., University Park 16802]

WILDLIFE--NATURAL AREAS AND REFUGES

89-002870 Anderson, J. L. SPORT HUNTING IN NATIONAL PARKS: SACRILEGE OR SALVATION? *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 271-280. 1983. WR 213
[Pilanesberg Game Reserve, P.O. Box 1201, Mogwase 0302, Bophuthatswana, South Africa]

89-002871 Baker, William L. LANDSCAPE ECOLOGY AND NATURE RESERVE DESIGN IN THE BOUNDARY WATERS CANOE AREA, MINNESOTA. *Ecology* 70(1):23-35. 1989. WR 213
[Dep. Geogr., Univ. Kans., Lawrence 66045]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

89-002872 Beatty, Katherine Kay. A PROFILE OF MICHIGAN STATE PARK USERS WITH PROMOTION IMPLICATIONS. *M.S. thesis, Mich. State Univ.* 226p. 1988. From Masters Abstr. Int. 26(4):386. 1988. Order No. MA1333322. WR 213

89-002873 Beidleman, Carol Aileen. VISITOR ATTITUDES AND PERCEPTIONS OF USE MANAGEMENT IN ROCKY MOUNTAIN NATIONAL PARK. *M.S. thesis, Univ. Ariz.* 112p. 1988. From Masters Abstr. Int. 27(1):47. 1989. Order No. MA1334287. WR 213

89-002874 Berkmuller, Klaus. EDUCATION AT THE LARENE NATIONAL PARK OF MERUVIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 183-191. 1985. WR 213

89-002875 Brooks, P. M. and I. A. W. Macdonald. THE HLUHLUWE-UMFOLOZI RESERVE: AN ECOLOGICAL CASE HISTORY. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 51-78. 1983. WR 213
[Natl. Parks, Game & Fish Preserv. Board, P.O. Box 662, Pietermaritzburg 3200, South Africa]

89-002876 Chettamart, Surachet. PREPARING A MANAGEMENT PLAN FOR KHAO YAI PARK: THE PROCESS INVOLVED AND THE LESSONS LEARNED. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 162-165. 1985. WR 213
[Fac. For., Kasetsart Univ., Bangkok 10900, Thailand]

89-002877 Conrad, C. Eugene; Paul G. Scowcroft; Richard C. Wass and Donovan S. Goo. REFORESTATION RESEARCH IN HAKALAU FOREST NATIONAL WILDLIFE REFUGE. *Trans. West. Sect. Wildl. Soc.* 24:80-86. 1988. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 1151 Punchbowl St., Rm. 323, Honolulu, HI 96813]

89-002878 David, Johnson E. and Sharad Gaur. DATA CENTRE FOR NATURAL RESOURCES: A SUMMARY OF ACTIVITIES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 9-10. 1985. WR 213
[Data Cent. Nat. Resour., WWF-India, 18 Spencer Rd., Bangalore 560005, Karnataka, India]

89-002879 Glass, Steve. DANALI: RESTORATION AT THIS NATIONAL PARK AND BIOSPHERE RESERVE OFFERS THE CHALLENGE OF A REMOTE SITE AND SUBARCTIC CONDITIONS. *Restoration Manage. Notes* 6(2):73-77. 1988. WR 213
[Densmore, Roseann: P.O. Box 9, Denali Natl. Park, AK 99755-0009]

89-002880 Hartzog, George B., Jr. BATTLING FOR THE NATIONAL PARKS. *Moyer Bell Ltd.* 284p. 1988. WR 213

89-002881 Heath, Ralph T., Jr. HISTORY AND DEVELOPMENT OF THE SUNCOAST SEABIRD SANCTUARY. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:10-15. 1982. WR 213
[Suncoast Seabird Sanctuary, 18328 Gulf Blvd., Indian Shores, FL 33535]

89-002882 Joubert, S. C. J. A MONITORING PROGRAMME FOR AN EXTENSIVE NATIONAL PARK. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 201-212. 1983. WR 213
[Kruger Natl. Park, Private Bag X402, Skukuza 1350, South Africa]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

89-002883 Kavanagh, Michael. PARKS AND SANCTUARIES PLANNING IN SARAWAK. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 86-97. 1985. WR 213
[World Wildl. Fund-Malaysia, WWF Project 3213, 7 Jalan Ridgeway, Kuching, Sarawak, Malaysia]

89-002884 Khan, Aziz Aslam and Mazhar Hussain. DEVELOPMENT OF PROTECTED AREA SYSTEM IN PAKISTAN IN TERMS OF REPRESENTATIVE COVERAGE OF ECOTYPES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 60-68. 1985. WR 213
[Conserv., Parks & Wildl., Govt. Punjab, 2 Sanda Rd., Lahore, Pakistan]

89-002885 Khan, Mohd. Khan bin Momin. PENINSULAR MALAYSIA'S EFFORTS TO CREATE A SYSTEM OF NATURE RESERVES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 19-22. 1985. WR 213
[Wildl. & Natl. Parks Dep., Block K 19, Govt. Off. Complex, Duta Rd., Kuala Lumpur, Malaysia]

89-002886 Kitching, R. L. SYSTEMS ECOLOGY: AN INTRODUCTION TO ECOLOGICAL MODELLING. *Univ. Queensland Press* 280p. 1983. WR 213

89-002887 Kolasa, Jerzy. ECOLOGICAL SYSTEMS IN HIERARCHICAL PERSPECTIVE: BREAKS IN COMMUNITY STRUCTURE AND OTHER CONSEQUENCES. *Ecology* 70(1):36-47. 1989. WR 213
[Dep. Biol., McMaster Univ., Hamilton, ON, Canada L8S 4K1]

89-002888 Kong Qing Song. SISHIONBANA NATURE CONSERVATION AREA: THE INDOMALAYAN AREA OF CHINA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 32-35. 1985. WR 213
[Dep..Wildl. Sci., Northeast. For. Inst., Harbin, Hepingli, Beijing, China]

89-002889 Lechoncito, Jose L. THE DEVELOPMENT OF A PROTECTED AREA SYSTEM IN THE PHILIPPINES IN TERMS OF REPRESENTATIVE COVERAGE OF ECOTYPES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 82-85. 1985. WR 213
[Parks & Wildl. Div., Bur. For. Dev., Minist. Nat. Resour., Visayas Ave., Quezon City, Philippines]

89-002890 Mackinnon, John. OUTLINE OF METHODOLOGY FOR PREPARATION OF A "REVIEW OF THE PROTECTED AREAS SYSTEM OF THE INDOMALAYAN REALM". *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 53-59. 1985. WR 213
[86 Aldreth Rd., Hoddenham, Cambridgeshire CB6 3PN, England]

89-002891 Mahat, Gopal. PROTECTED AREAS OF BHUTAN. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 26-29. 1985. WR 213
[Assist. Dir. Wildl., Off. Dir. For., Royal Govt. Bhutan, P.O. Thimphu, Bhutan]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

89-002892 Majupuria, Trilok Chandra. NATIONAL PARKS AND SANCTUARIES IN INDIA. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 577-623. 1986. WR 213
[Tribhuvan Univ., Kirtipur, Kathmandu, Nepal]

89-002893 Panwar, H. S. A STUDY OF MANAGEMENT REQUIREMENTS IN CORBETT NATIONAL PARK. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 169-176. 1985. WR 213
[Project Tiger, Govt. India, Dep. For. & Wildl., 101 B Wing, Shastri Bhavan, New Delhi 110001, India]

89-002894 Panwar, H. S. PROTECTED AREAS AND PEOPLE--THE INDIAN APPROACH. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. P. 192-197. 1985. WR 213
[Project Tiger, Govt. India, Dep. For. & Wildl., 101 B Wing, Shastri Bhavan, New Delhi 110001, India]

89-002895 Parker, I. S. C. THE TSAVO STORY: AN ECOLOGICAL CASE HISTORY. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor*. p. 37-49. 1983. WR 213
[P.O. Box 30678, Nairobi, Kenya]

89-002896 Rao, Kishore. LEGISLATIVE AND ORGANIZATIONAL SUPPORT FOR PROTECTED AREAS IN INDIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 157-161. 1985. WR 213
[Dep. For. & Wildl., Govt. India, New Delhi 110011, India]

89-002897 Robertson, Jane. THE WORLD HERITAGE CONVENTION AND THE INTERNATIONAL BIOSPHERE RESERVE NETWORK OF THE MAN AND THE BIOSPHERE (MAB) PROGRAMME: THEIR STATUS IN THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 208-216. 1985. WR 213
[Div. Ecol. Sci., UNESCO, 1 rue Miollis, 75700 Paris, France]

89-002898 Rodgers, W. A. BIOGEOGRAPHY AND PROTECTED AREA PLANNING IN INDIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 103-113. 1985. WR 213
[Wildl. Inst. (FAO/UNDP), New Forest, Dehra Dun 248006 Uttar Pradesh, India]

89-002899 Rowell, Allen Lloyd. AN INTERACTIVE MICROCOMPUTER PROGRAM FOR WILDERNESS TRAVEL SIMULATION WITH GRAPHICS. *M.S. thesis, Univ. Ga.* 225p. 1987. From Masters Abstr. Int. 26(4):386. 1988. Order No. MA1333135. WR 213

89-002900 Saharia, V. B. MANPOWER PLANNING AND TRAINING NEEDS FOR PROTECTED AREA MANAGEMENT IN THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 125-129. 1985. WR 213
[Wildl. Inst. India, P.O. New Forest, Dehra Dun 248006, Uttar Pradesh, India]

89-002901 Sale, J. B. REGIONAL AND INTERNATIONAL COOPERATION IN PROTECTED AREA MANAGEMENT IN INDOMALAYA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm.*

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

89-002901 CONTINUED *J.W. Thorsell, editor*. p. 203-207. 1985. WR 213
[Wildl. Inst. India, P.O. New Forest, Dehra Dun 248006, Uttar Pradesh, India]

89-002902 Sarker, Noor Mohammad and A. K. M. Fazlul Huq. PROTECTED AREAS OF BANGLADESH. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 36-38. 1985. WR 213
[Conserv. For., Bana Bhawan, Gulshan Rd., Monakhali, Dacca, Bangladesh]

89-002903 Singh, Samar. AN OVERVIEW OF THE CONSERVATION STATUS OF THE NATIONAL PARKS AND PROTECTED AREAS OF THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in in the Indomalayan Realm. J.W. Thorsell, editor*. p. 1-4. 1985. WR 213
[Dep. For. & Wildl., New Delhi 110011, India]

89-002904 Singh, Samar. PROTECTED AREAS IN INDIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 11-18. 1985. WR 213
[Dep. For. & Wildl., New Delhi 110011, India]

89-002905 Stern, Richard. MINAS BASIN BECOMES A HEMISPHERIC SHOREBIRD RESERVE. *N.S. Birds* 31(1):62-64. 1989. WR 213
[Nova Scotia Bird For., c/o Nova Scotia News, 1747 Summer St., Halifax, NS, Canada B3H 3A6]

89-002906 Sumardja, Effendy A. THE DEVELOPMENT OF A PROTECTED AREA SYSTEM FOR INDONESIA IN TERMS OF REPRESENTATIVE COVERAGE OF ECOTYPES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 69-74. 1985. WR 213
[Dir. Natl. Parks & Recreational For., Dir. Gen. For. Protection & Nat. Conserv., Dep. For., 100 Jalan Ir. H. Juanda, Bogor, Indonesia]

89-002907 Suvanakorn, Phairot and Robert J. Dobias. USING ECONOMIC INCENTIVES TO IMPROVE PARK PROTECTION: A CASE STUDY FROM THAILAND. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 177-182. 1985. WR 213
[Royal Thai For. Dep., Thailand]

89-002908 Thorsell, J. W., editor. CONSERVING ASIA'S NATURAL HERITAGE: THE PLANNING AND MANAGEMENT OF PROTECTED AREAS IN THE INDOMALAYAN REALM. PROCEEDINGS OF THE 25th WORKING SESSION OF IUCN'S COMMISSION ON NATIONAL PARKS AND PROTECTED AREAS. CORBETT NATIONAL PARK, INDIA 4-8 FEBRUARY 1985. *Univ. Press Cambridge* 248p. 1985. Available from Publ. Serv., Ave. du Mont Blanc, CH-1196 Gland, Switzerland. WR 213
[IUCN, Ave. du Mont Blanc, 1196 Gland, Switzerland] Selected papers indexed in this issue of *Wildlife Review*.

89-002909 Thorsell, James W. THREATENED PROTECTED AREAS OF THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 43-49. 1985. WR 213
[IUCN, Ave. du Mont Blanc, 1196 Gland, Switzerland]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

89-002910 Upreti, Biswa N. THE DEVELOPMENT OF A PROTECTED AREA SYSTEM IN NEPAL. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 78-81. 1985. WR 213
[Dir. Gen., Dep. Natl. Parks & Wildl. Conserv., P.O. Box 860, Kathmandu, Nepal]

89-002911 van Trung, Thai. THE DEVELOPMENT OF A PROTECTED AREA SYSTEM IN VIETNAM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 30-31. 1985. WR 213
[Bot. Mus., 85 Tran Quoi Tuan Cl. 3, Ho Chi Minh City 1000, Vietnam]

89-002912 Vejaboosakorn, Seri. THE DEVELOPMENT OF A PROTECTED AREA SYSTEM FOR THAILAND IN TERMS OF REPRESENTATIVE COVERAGE OF ECOTYPES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 75-77. 1985. WR 213
[Ext. Sect., Natl. Park Div., Royal For. Dep., Paholyothin Rd., Bangkok 10900, Thailand]

89-002913 Waller, Donald M. SHARING RESPONSIBILITY FOR CONSERVING DIVERSITY: THE COMPLEMENTARY ROLES OF CONSERVATION BIOLOGISTS AND PUBLIC LAND AGENCIES. *Conserv. Biol.* 2(4):398-401. 1988. In English with Spanish summ. WR 213
[Dep. Bot., Univ. Wis., Madison 53706]

89-002914 Ward, Sally and Jeremy Harrison. MONITORING PROTECTED AREAS IN THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 5-8. 1985. WR 213
[Protected Areas Data Unit, IUCN Conserv. Monitoring Cent., 219C Huntingdon Rd., Cambridge CB3 0DL, England]

WILDLIFE--ENDANGERED AND THREATENED SPECIES

89-002915 Coffin, Barbara and Lee Pfannmuller, editors. MINNESOTA'S ENDANGERED FLORA AND FAUNA. *Univ. Minn. Press* 473p. 1988. Available at $49.50 (cloth) or $16.95 (paper) from Univ. Minn. Press, 2037 University Ave., S.E., Minneapolis 55414. WR 213

89-002916 Hodges, J. K. FERTILITY ASSESSMENT: NEW METHODS AND IMPLICATIONS FOR ENDANGERED SPECIES. *Zool. J. Linn. Soc.* 95(2):105. 1989. Abstract only. WR 213
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-002917 Mace, Georgina M. THE APPLICATION OF REPRODUCTIVE TECHNOLOGY TO ENDANGERED SPECIES BREEDING PROGRAMMES. *Zool. J. Linn. Soc.* 95(2):109-116. 1989. WR 213
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-002918 Majupuria, Trilok Chandra. LIST OF RARE AND ENDANGERED SPECIES. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 569-576. 1986. WR 213
[Dep. Zool., Tribhuvan Univ., Kirtipur, Kathmandu, Nepal]

WILDLIFE--ENDANGERED AND THREATENED SPECIES (CONTINUED)

89-002919 Mlot, Christine. THE SCIENCE OF SAVING ENDANGERED SPECIES. DIRECTIONS FOR RESEARCH IN CONSERVATION BIOLOGY. *BioScience* 39(2):68-70. 1989. WR 213

89-002920 Smith, Kent A. ENDANGERED SPECIES MANAGEMENT: A SINGLE SPECIES APPROACH TO THE LOSS OF BIOLOGICAL DIVERSITY? *Trans. West. Sect. Wildl. Soc.* 24:8-11. 1988. WR 213
[Dep. Fish & Game, 1416 Ninth St., Sacramento, CA 95814]

89-002921 Stein, N. [EVALUATION OF THE RED LIST OF ENDANGERED SPECIES FOR THE FEDERAL REPUBLIC OF GERMANY.] *Ber. Dtsch. Landesk.* 61(1):31-82. 1987. In German with English summ. From Ecol. Abstr. 88/6:88L/8549. 1988. WR 213
Data for 266 species.

WILDLIFE--INTRODUCTIONS

89-002922 Mealey, Brian. REHABILITATION AND RELEASE OF NON-NATIVE WILDLIFE IN SOUTH FLORIDA. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:157-164. 1988. WR 213
[Mus. Sci., 3280 S. Miami Ave., Miami, FL 33129]

89-002923 Rooth, J. and D. A. Scott. THE INTRODUCTION OF EXOTIC SPECIES. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 279-282. 1982. WR 213
[Res. Inst. Nat. Manage., Kasteel Broekhuizen, Postbus 46, 3956 ZR Leersum, Netherlands]

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY

89-002924 Fabry, Z. I. [THE STATE OF THYROID HOMEOSTASIS IN ANIMAL REPRESENTATIVES UNDER THE IODINE DEFICIENCY.] *Biol. Nauki (Mosc.)* 1988(11):64-68. 1988. In Russian with English summ. WR 213
Streptopelia decaocto, Rana esculenta, and *Lepus capensis.*

89-002925 Houston, D. C. DIGESTIVE EFFICIENCY AND HUNTING BEHAVIOUR IN CATS, DOGS AND VULTURES. *J. Zool. (Lond.)* 216(4):603-605. 1988. WR 213
[Dep. Zool., The University, Glasgow G12 8QQ, Scotland] *Neophron percnopterus, Crocuta crocuta, Panthera leo, P. pardus,* and *Gyps rueppellii.*

89-002926 Jackson, Donald C. CONTROL OF BREATHING: EFFECTS OF TEMPERATURE. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 621-639. 1989. WR 213
[Brown Univ., Providence, RI]

89-002927 Metcalfe, James and Michael K. Stock. ONTOGENY OF RESPIRATION: MAMMALS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 259-278. 1989. WR 213
[Health Sci. Univ., & Portland Vet. Admin. Med. Cent., Portland, OR]

89-002928 Smits, Allan W. FLUID BALANCE IN VERTEBRATE LUNGS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 503-538. 1989. WR 213
[Univ. Tex., Arlington]

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

89-002929 Wood, Stephen C., editor. COMPARATIVE PULMONARY PHYSIOLOGY: CURRENT CONCEPTS. *Marcel Dekker, Inc.* 854p. 1989. WR 213
[Lovelace Med. Found., Albuquerque, NM] Selected chapters indexed in this issue of *Wildlife Review*.

89-002930 Zlotkin, E. ANIMAL VENOM SYSTEMS. *Isr. J. Zool.* 35(1-2):92. 1988/89. Abstract only. WR 213
[Dep. Zool., Inst. Life Sci., Hebrew Univ. Jerusalem, 91904 Jerusalem, Israel]

WILDLIFE--BEHAVIOR

89-002931 Beecher, Michael D. SPECTROGRAPHIC ANALYSIS OF ANIMAL VOCALIZATIONS: IMPLICATIONS OF THE "UNCERTAINTY PRINCIPLE". *Bioacoustics* 1(2/3):187-208. 1988. WR 213
[Anim. Behav. Program, Dep. Psychol., Univ. Wash., Seattle 98195]

89-002932 Bertin, Robert I. POLLINATION BIOLOGY. *In: Plant-Animal Interactions. Warren G. Abrahamson, editor.* p. 23-86. 1989. WR 213
[Dep. Biol., Coll. Holy Cross, Worcester, MA 01610]

89-002933 Paxton, Mark. FORAGING ASSOCIATIONS BETWEEN PALE CHANTING GOSHAWKS, HONEY BADGERS AND SLENDER MONGOOSES. *Gabar* 3(2):82-84. 1988. WR 213
[Principal Nat. Conserv. Officer, Private Bag 2117, Okakarara-Hereroland Namibia] *Herpestes sanguineus*, *Mellivora capensis*, and *Melierax canorus* in Namibia and South Africa.

89-002934 Rosenzweig, Michael L. RESTORATION ECOLOGY: A TOOL TO STUDY POPULATION INTERACTIONS? *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors.* p. 189-203. 1987. WR 213
[Dep. Ecol., Univ. Ariz., Tucson 85721]

89-002935 Slobodchikoff, C. N., editor. THE ECOLOGY OF SOCIAL BEHAVIOR. *Academic Press, Inc.* 429p. 1988. WR 213
[Dep. Biol., North. Ariz. Univ., Flagstaff 86011] Selected chapters indexed in this issue of *Wildlife Review*.

89-002936 Slobodchikoff, C. N. and William M. Shields. ECOLOGICAL TRADE-OFFS AND SOCIAL BEHAVIOR. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 3-10. 1988. WR 213
[Dep. Biol., North. Ariz. Univ., Flagstaff 86011]

89-002937 Stiles, Edmund W. FRUITS, SEEDS, AND DISPERSAL AGENTS. *In: Plant-Animal Interactions. Warren G. Abrahamson, editor.* p. 87-122. 1989. WR 213
[Dep. Biol. Sci. & Bur. Biol. Res., Rutgers Univ., Piscataway, NJ 08854]

WILDLIFE--PESTICIDES AND POLLUTION

89-002938 Andren, Claes and Goran Nilson. EFFECTS OF ACIDIFICATION ON SWEDISH BROWN FROGS. *Mem. Soc. Fauna Flora Fenn.* 64(3):139-141. 1988. WR 213
[Dep. Zool., Univ. Gothenburg, Box 250 59, S-400 31, Goteborg, Sweden] *Rana arvalis*, *R. temporaria*, and *R. dalmatina*.

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

89-002939 Baumgartner, Donald L. REVIEW OF MYIASIS (INSECTA: DIPTERA: CALLIPHORIDAE, SARCOPHAGIDAE) OF NEARCTIC WILDLIFE. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:3-46. 1988. WR 213
[Northwest Mosquito Abatement Dist., 147 W. Hintz Rd., Wheeling, IL 60090] Data for 42 species.

89-002940 Blem, Charles R. and Leann B. Blem. TOLERANCE OF ACIDITY IN A VIRGINIA POPULATION OF THE SPOTTED SALAMANDER, *AMBYSTOMA MACULATUM* (AMPHIBIA: AMBYSTOMATIDAE). *Brimleyana* No. 15. p. 37-45. 1989. WR 213
[Va. Commonwealth Univ., Dep. Biol., Acad. Div., Richmond 23284]

89-002941 Dejours, Pierre; Jacques Armand and Huguette Beekenkamp. [THE TOXICITY OF AMMONIA IS A FUNCTION OF WATER pH. A STUDY IN THE SALAMANDER *PLEURODELES WALTL*.] *C.R. Acad. Sci. Ser. III Sci. Vie* 308(2):55-60. 1989. In French with English summ. WR 213
[Lab. Etude Regul. Physiol., Univ. Louis-Pasteur, C.N.R.S., 23 rue Becquerel, 67087 Strasbourg, France]

89-002942 Delikat, Donald S. IXTOC I OIL SPILL - ATLANTIC RIDLEY SEA TURTLE SURVIVAL. *Underwater Nat.* 13(1):13-15. 1981. WR 213
Lepidochelys kempi in the Gulf of Mexico.

89-002943 Fawell, J. K. and S. Hunt. ENVIRONMENTAL TOXICOLOGY: ORGANIC POLLUTANTS. *Ellis Horwood, Ltd.* 440p. 1988. WR 213

89-002944 Jones, Kathryn L. and Robert T. Heath. THE EFFECT OF MALATHION OF DISSOLVED ORGANIC PHOSPHORUS COMPOUNDS OF AN ACID BOG LAKE. *Ohio J. Sci.* 89(2):44. 1989. Abstract only. WR 213
[Dep. Biol. Sci., Kent State Univ., Kent, OH 44243]

89-002945 Kaur, Sarbjit. LEAD IN THE SCALES OF COBRAS AND WALL LIZARDS FROM RURAL AND URBAN AREAS OF PUNJAB, INDIA. *Sci. Total Environ.* 77(2/3):289-290. 1988. WR 213
[Dep. Zool., Punjab Agric. Univ., Ludhiana, Punjab, India]

89-002946 Porter, Stuart L. PESTICIDE USE IN VIRGINIA. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:39-42. 1987. WR 213
[Wildl. Cent., P.O. Box 98, Weyers Cave, VA 24486]

WILDLIFE--PARASITES AND DISEASES

89-002947 Dreesen, David W. and Evelyn H. Weir. RABIES IN GEORGIA - A TEN YEAR SUMMARY (1979-1988). *Ga. Vet.* 41(2):10. 1989. WR 213
[Coll. Vet. Med., Univ. Ga., Athens]

89-002948 Engbring, John and Thomas H. Fritts. DEMISE OF AN INSULAR AVIFAUNA: THE BROWN TREE SNAKE ON GUAM. *Trans. West Sect. Wildl. Soc.* 24:31-37. 1988. WR 213
[U.S. Fish & Wildl. Serv., P.O. Box 50167, Honolulu, HI 96850]

89-002949 Grootenhuis, J. G. TRYPANOSOMIASIS, EAST COAST FEVER AND SOME OTHER TICK-BORNE DISEASES IN WILDLIFE/LIVESTOCK INTERFACE. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.*

WILDLIFE--PARASITES AND DISEASES (CONTINUED)

89-002949 CONTINUED p. 57-62. 1986. WR 213
[Vet. Res. Lab., P.O. Box, Kabete, Kenya]

89-002950 Jones, David M. THE FUTURE OF VETERINARY SCIENCE IN ZOOS. *Zool. Gart.* 58(2):73-83. 1988. In English. WR 213
[Regent's Park, London NW1 4RY, England]

89-002951 Mather, Thomas N.; Sam R. Telford III; Andrew B. MacLachlan and Andrew Spielman. INCOMPETENCE OF CATBIRDS AS RESERVOIRS FOR THE LYME DISEASE SPIROCHETE (*BORRELIA BURGDORFERI*). *J. Parasitol.* 75(1):66-69. 1989. WR 213
[Dep. Popul. Sci., Harvard School Publ. Health, 665 Huntington Ave., Boston, MA 02115] *Dumetella carolinensis* and *Peromyscus leucopus*.

89-002952 Rossiter, P. B. THE SIGNIFICANCE AND CONTROL OF RINDERPEST AND OTHER VIRUS DISEASES TRANSMITTED BETWEEN DOMESTIC AND WILD ANIMALS. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 63-68. 1986. WR 213
[Vet. Res. Dep., Kenya Agric. Res. Inst., P.O. Box 32, Kikuyu, Kenya]

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

89-002953 Brown, Joel S.; Burt P. Kotler; Rosemary J. Smith and William O. Wirtz II. THE EFFECTS OF OWL PREDATION ON THE FORAGING BEHAVIOR OF HETEROMYID RODENTS. *Oecologia (Berl.)* 76(3):408-415. 1988. WR 213
[Univ. Ill., Dep. Biol. Sci., Chicago 60680] *Perognathus amplus, P. baileyi, Dipodomys merriami*, and *Tyto alba*.

89-002954 Crabtree, Robert L.; Linda S. Broome and Michael L. Wolfe. EFFECTS OF HABITAT CHARACTERISTICS ON GADWALL NEST PREDATION AND NEST-SITE SELECTION. *J. Wildl. Manage.* 53(1):129-137. 1989. WR 213
[Dep. Fish & Wildl. Resour., Univ. Idaho, Moscow 83843] *Anas strepera* and *Mephitis mephitis* in Utah.

89-002955 Derting, Terry L. and Jack A. Cranford. PHYSICAL AND BEHAVIORAL CORRELATES OF PREY VULNERABILITY TO BARN OWL (*TYTO ALBA*) PREDATION. *Am. Midl. Nat.* 121(1):11-20. 1989. WR 213
[Dep. Biol., Radford Univ., Radford, VA 24142] *Peromyscus leucopus, P. maniculatus*, and *Microtus pennsylvanicus*.

89-002956 Goodman, Steven M. PREDATION BY THE GREY LEAF MONKEY (*PRESBYTIS HOSEI*) ON THE CONTENTS OF A BIRD'S NEST AT MT. KINABALU PARK, SABAH. *Primates* 30(1):127-128. 1989. WR 213
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *Stachyris nigriceps*.

89-002957 Post, William and Jon S. Greenlaw. METAL BARRIERS PROTECT NEAR-GROUND NESTS FROM PREDATORS. *J. Field Ornithol.* 60(1):102-103. 1989. In English with Spanish summ. WR 213
[Charleston Mus., 360 Meeting St., Charleston, SC 29403] *Ammodramus maritimus, Corvus ossifragus, Rattus norvegicus*, and *Thamnophis sirtalis*.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

89-002958 Roulin, Bernard. [ALPINE ACCENTER BROOD EATEN BY A SNAKE?] *Nos Oiseaux* 39(8):417-418. 1988. In French. WR 213
[Cure 13, CH-2016 Cortaillod, Switzerland] *Prunella collaris* and *Vipera aspis* in Switzerland.

89-002959 Sklepkovych, Bohdan Olaf. THE PREDATORY BEHAVIOUR AND IMPACT OF RED FOXES (*VULPES VULPES*) ON THE SEABIRD COLONIES OF BACCALIEU ISLAND, NEWFOUNDLAND. *M.S. thesis, Memorial Univ. Newfoundland* 190p. 1986. WR 213
[Zool. Inst., Stockholm Univ., S-106 91 Stockholm, Sweden] *Oceanodroma leucorhoa, Fratercula arctica, Uria aalge, Rissa tridactyla, Morus bassanus,* and *Larus argentatus* in Canada.

89-002960 Snyders, N. OBSERVATIONS OF A MARTIAL EAGLE CATCHING A HARE. *Gabar* 3(2):103. 1988. WR 213
[Potberg Environ. Cent., De Hoop Nat. Reserv., Bredasdorp, South Africa] *Polemaetus bellicosus* and *Lepus* sp.

89-002961 Steyn, Peter. OF PIRATES AND PREDATORS. *Gabar* 3(2):101. 1988. WR 213
[Box 54, Newslands 7725, South Africa] *Varanus niloticus, Polemaetus bellicosus,* and *Haliaeetus vocifer* in Botswana.

WILDLIFE--HARVEST AND HUNTING STATISTICS

89-002962 Choi, Kwan. MEASURING CONGESTION EFFECTS IN A HIGH-DENSITY RECREATIONAL SITE. *Ph.D. dissertation, Iowa State Univ.* 94p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3529. 1989. Order No. DA8825379. WR 213

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL

89-002963 Abdullahi, G. A. THE EXPERIENCES OF A FORMER STUDENT AT THE FEDERAL SCHOOL OF WILDLIFE MANAGEMENT. *Nigerian Field* 53(4):161-162. 1988. WR 213

89-002964 Aboud, A. A. INTEGRATING WILDLIFE RESOURCES WITH HUMAN NEEDS. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 129-135. 1986. WR 213
[Range Manage. Dep., Egerton Coll., Njoro, Kenya]

89-002965 Allen, Mary E. and Christine Sheppard. PRIORITIES AND DIRECTION OF NUTRITIONAL RESEARCH IN ZOOS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 387-397. 1988. WR 213
[Natl. Zool. Park, Washington, DC]

89-002966 Althouse, Jody Kosack. EDUCATE THE PUBLIC: CHANGE THE FUTURE BY USING A WILDLIFE EDUCATION PROGRAM. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:195-200. 1988. WR 213
[Environ. Studies Program, Miami Country Day School, 601 N.E. 107 St., Miami, FL 33138]

89-002967 Bell, R. H. V. DECISION-MAKING IN WILDLIFE MANAGEMENT WITH REFERENCE TO PROBLEMS OF OVERPOPULATION. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 145-172.

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-002967 CONTINUED 1983. WR 213
[Dep. Natl. Parks & Wildl. Manage., P.O. Box 8365, Causeway, Harare, Zimbabwe]

89-002968 Berger, Dhyani J. EXTENSION STRATEGIES FOR WILDLIFE AND RANGE CONSERVATION AND MANAGEMENT. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 137-143. 1986. WR 213
[Wildl. Ext. Proj., P.O. Box 41389, Nairobi, Kenya]

89-002969 Blackburn, Karen. PLANTINGS FOR BLUEBIRDS AND OTHER WILDLIFE. INKBERRY: WINTER FOOD FOR WILDLIFE. *Sialia* 11(1):20-21. 1989. WR 213
[Rt. 3, Box 650, Marianna, FL 32446] *Sialia* spp.

89-002970 Brooke, Michael. A BIRTHDAY FOR THE BIRDS. *New Sci*. 121(1650):54-57. 1989. WR 213
[Dep. Zool., Univ. Cambridge, Cambridge, England]

89-002971 Burley, Jon Bryan and Roger Bond Martin. A STUDY TO DETERMINE VARIATION IN HOMEOWNER PREFERENCE FOR NATURALISTIC LANDSCAPES AND TOLERANCE OF WILDLIFE AT A RESIDENTIAL TOWNHOME COMMUNITY UTILIZING RESIDENTIAL LANDSCAPE COMPOSITION AS A PREFERENCE INDICATOR. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors*. p. 56-65. 1986. WR 213
[Landcape Architecture, N.D. State Univ., Fargo 58105]

89-002972 Burns, Jennifer; Kathryn Stenberg and William W. Shaw. CRITICAL AND SENSITIVE WILDLIFE HABITATS IN TUCSON, ARIZONA. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors*. p. 144-150. 1986. WR 213
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

89-002973 Callicott, J. Baird. IN DEFENSE OF THE LAND ETHIC: ESSAYS IN ENVIRONMENTAL PHILOSOPHY. *State Univ. N.Y. Press* 325p. 1989. Available at $10.95 (paper) & $35.50 (cloth) from State Univ. N.Y. Press, State University Plaza, Albany 12246. WR 213

89-002974 Cherfas, Jeremy. RETURN OF THE NATIVE. *New Sci*. 121(1655):50-53. 1989. WR 213

89-002975 Chiszar, David. ZOOS AS SCIENTIFIC AND EDUCATIONAL RESOURCES. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc*. p. 363-366. 1988. WR 213
[Univ. Colo., Boulder 80309]

89-002976 Clark, James Matthew. ALTERNATIVE POLICIES FOR ENVIRONMENTAL MANAGEMENT: REGULATIONS, TAXES/SUBSIDIES, AND AMENITY MARKETS. *Ph.D. dissertation, Univ. Wash*. 288p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3529. 1989. Order No. DA8826376. WR 213

89-002977 Conry, Paul J. MANAGEMENT OF FERAL AND EXOTIC GAME SPECIES ON GUAM. *Trans. West. Sect. Wildl. Soc*. 24:26-30. 1988. WR 213
[Div. Aquat. & Wildl. Resour., Dep. Agric., P.O. Box 2950, Agana, Guam 96910]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-002978 Crockett, Carolyn and Michael Hutchins. TRAINING ZOO RESEARCHERS: THE "APPLYING BEHAVIORAL RESEARCH TO ZOO ANIMAL MANAGEMENT" WORKSHOP. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 542-558. 1988. WR 213

89-002979 Daniel, John C. WILDLIFE RESEARCH IN INDIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 150-153. 1985. WR 213
[Bombay Nat. Hist. Soc., Hornbill House, Shahid Bhagat Singh Rd., Bombay 400 023, India]

89-002980 Donohue, Frank. PRESERVING CRITICAL WILDLIFE HABITAT THROUGH THE DESIGN OF RESIDENTIAL PROJECTS: A METHOD PROPOSED FOR PRESERVING BOTTOMLAND FORESTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 182-193. 1986. WR 213

89-002981 English, Jerome R. WILDLIFE CONSERVATION AT KIAWAH ISLAND, SOUTH CAROLINA. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 194-196. 1986. WR 213

89-002982 Ero, I. I. A BRIEF HISTORY OF THE FEDERAL SCHOOL OF WILDLIFE MANAGEMENT, NEW BUSSA. *Nigerian Field* 53(4):153-156. 1988. WR 213
[For. Res. Inst., PMB 5054, Ibadan, Nigeria]

89-002983 Ero, I. I.; P. O. Adegbola; A. E. Onyeanusi; S. A. Onadeko and M. E. Osakwe. CURRICULUM DEVELOPMENT FOR TECHNICAL WILDLIFE EDUCATION AND TRAINING. *Nigerian Field* 53(4):190-193. 1988. WR 213
[For. Res. Inst., PMB 5054, Ibadan, Nigeria]

89-002984 Froke, Jeffrey B. MANAGING WILDLIFE AND DEVELOPMENT ON THE SUBURBAN/WILDLAND EDGE IN SOUTHERN CALIFORNIA. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 92-95. 1986. WR 213
[Geogr. Dep., Univ. Calif., Los Angeles 90024]

89-002985 Geis, Aelred D. PLANNING AND DESIGN FOR WILDLIFE CONSERVATION IN NEW RESIDENTIAL DEVELOPMENTS--COLUMBIA, MARYLAND. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 67-70. 1986. WR 213
[Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-002986 Geis, Aelred D. WILDLIFE HABITAT CONSIDERATIONS IN COLUMBIA, MARYLAND AND VICINITY. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 97-99. 1986. WR 213
[Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-002987 Glosser, James W. ZOOS AND AQUARIUMS: IMPACT OF THE ANIMAL WELFARE ACT. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 568-570. 1988. WR 213
[APHIS, U.S. Dep. Agric., Washington, DC]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-002988 Grandin, Barbara E. HUMAN DEMOGRAPHY AND CULTURE: FACTORS IN RANGE MANAGEMENT. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 119-127. 1986. WR 213
[Int. Livestock Cent., P.O. Box 46847, Nairobi, Kenya]

89-002989 Hair, Jay D. COOPERATION BETWEEN CONSERVATION ADVOCATES AND CORPORATE INTERESTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 2-7. 1986. WR 213

89-002990 Hallock, Dave. COMPREHENSIVE LAND USE PLANNING AND WILDLIFE PROTECTION IN BOULDER COUNTY, COLORADO. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 151-155. 1986. WR 213
[Boulder Cty. Parks & Open Space, Boulder, CO]

89-002991 Hardy, Donna FitzRoy. THE USE OF COMPUTER DATABASES IN ZOO EDUCATION. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 407-411. 1988. WR 213

89-002992 Heady, Harold F. CAN RANGELANDS BE MANAGED FOR LIVESTOCK AND WILDLIFE? *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 147-151. 1986. WR 213
[1864 Capistrano Ave., Berkeley, CA]

89-002993 Holding, Julie L. HABITAT PRESERVATION BY THE PRIVATE SECTOR CLUSTERED RESIDENTIAL DEVELOPMENTS AND TDRs IN TETON COUNTY, WYOMING. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 71-76. 1986. WR 213

89-002994 Hooper, Jon K. and James E. Fletcher. CALIFORNIAS' ATTITUDES TOWARD AND USE OF FISH AND WILDLIFE RESOURCES. *Trans. West. Sect. Wildl. Soc.* 24:1-7. 1988. WR 213
[Dep. Recreation & Parks Manage., Calif. State Univ., Chico 95929]

89-002995 Hopcraft, David. WILDLIFE LAND USE: A REALISTIC ALTERNATIVE. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 93-101. 1986. WR 213
[Wildl. Ranching & Res., P.O. Box 1, Athi River, Kenya]

89-002996 Houck, Michael C. URBAN WILDLIFE HABITAT INVENTORY AND URBAN WILDLIFE EDUCATION PROGRAMS IN PORTLAND, OREGON. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 136-143. 1986. WR 213
[Urban Nat., Portland Audubon Soc., Portland, OR]

89-002997 Inglis, Jack M. BRUSH CONTROL AND WILDLIFE MANAGEMENT IN SOUTH TEXAS. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 69-71. 1983. WR 213
[Range Sci. Wildl. & Fish Sci. & Agric. Econ. Dep., Tex. A&M Univ., College Station 77843]

89-002998 Jackson, Randy. WILDLIFE CONSERVATION IN MAJOR PLANNING PROJECTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 157-161. 1986. WR 213

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-002999 Johnson, Craig W. THE OGDEN NATURE CENTER: A CASE STUDY IN SITE REHABILITATION TO IMPROVE WILDLIFE HABITAT WITH IMPLICATIONS FOR NEW RESIDENTIAL DEVELOPMENT. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors*. p. 175-181. 1986. WR 213
[Dep. Landscape Architecture & Environ. Planning, Utah State Univ., Logan]

89-003000 Johnson, Rebecca L. MARKETING FEE HUNTING OPPORTUNITIES IN THE PRESENCE OF ABUNDANT PUBLIC LAND. *West. J. Appl. For.* 4(1):24-26. 1989. WR 213
[Dep. Resour. Recreation Manage., Oreg. State Univ., Corvallis 97331]

89-003001 Karstad, Lars. CAN LIVESTOCK AND WILDLIFE CO-EXIST? *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 51-55. 1986. WR 213
[Anim. Pathol. Div., Food Prod. & Inspect. Branch, Agric. Canada, 2255 Carling Ave., Ottawa, ON, Canada K1A 0Y9]

89-003002 Kelley, Charles D. PUBLIC HUNTING: A KEY TO THE FUTURE. *Ala. Conserv.* 61(1):8-9. 1989. WR 213

89-003003 Kie, John G. and Robert H. Schmidt, editors. TRANSACTIONS OF THE WESTERN SECTION OF THE WILDLIFE SOCIETY. *Trans. West. Sect. Wildl. Soc.* 24:164p. 1988. Available from West. Sect. Wildl. Soc., P.O. Box 2567, Sacramento, CA 95812. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 2081 E. Sierra Ave., Fresno, CA 93710] Selected papers indexed in this issue of *Wildlife Review*.

89-003004 Kombe, A. GOVERNMENTAL AND PUBLIC REACTIONS TO CULLING IN CONSERVATION AREAS IN MALAWI. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor*. p. 241-248. 1983. WR 213
[Dep. Natl. Parks & Wildl., P.O. Box 30131, Captial City, Lilongwe, Malawi]

89-003005 Konigkramer, A. J. INFLUENCING PUBLIC ATTITUDES: THE SOCIO-POLITICS OF CULLING IN NATAL. *In: Management of Large Mammals in in African Conservation Areas. R. Norman Owen-Smith, editor*. p. 233-240. 1983. WR 213
[Kwazulu Dev. Corp., P.O. Box 2801, Durban 4000, South Africa]

89-003006 Kufwafwa, J. W. NUMBERS AN DISTRIBUTIONS OF LIVESTOCK AND WILDLIFE IN KENYA: AN OVERVIEW. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 83-92. 1986. WR 213
[Kenya Rangeland Ecol. Monit. Unit, Box 47146, Nairobi, Kenya]

89-003007 Lane, Kenneth F. A SIMPLE FIELD SURVEY METHOD OF SELECTING SITES FOR RESIDENTIAL DEVELOPMENT WITH THE LEAST IMPACT ON DESIRED WILDLIFE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors*. p. 128-132. 1986. WR 213
[Dep. Landscape Architecture, Iowa State Univ., Ames]

89-003008 Lusigi, W. J. COMPETITION BETWEEN LIVESTOCK AND WILDLIFE. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 29-39. 1986. WR 213
[UNESCO, P.O. BOX 147, Marsabit, Kenya]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-003009 Lynn, Carolyn. IMPROVED HABITAT WILL PROVIDE BETTER HOMES FOR WILDLIFE. *Ky. Happy Hunting Ground* 45(2):9-11. 1989. WR 213

89-003010 Martin, R. B. and R. D. Taylor. WILDLIFE CONSERVATION IN A REGIONAL LAND-USE CONTEXT: THE SEBUNGWE REGION OF ZIMBABWE. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 249-270. 1983. WR 213
[Dep. Natl. Parks & Wildl. Manage., P.O. Box 8365, Causeway, Harare, Zimbabwe]

89-003011 Matola, Sharon. ZOOS IN THE AMERICAS WORKING TOGETHER TO PROMOTE A CONSERVATION ETHIC. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 412-414. 1988. WR 213

89-003012 Matthews, Michael J. AN INVENTORY OF WILDLIFE HABITAT IN AN URBAN SETTING. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 134-135. 1986. WR 213
[Urban Wildl. Unit, NYSDEC Wildl. Resour. Cent., Delmar, NY 12054]

89-003013 McKegg, Janet S. and Louise E. Dove. KEEPING THE WILD IN WILDLIFE! *Urban Wildl. Manage. Notebook* No. 16. 5p. 1988. Available at $0.50 from Natl. Inst. Urban Wildl., 10921 Trotting Ridge Way, Columbia, MD 21044. WR 213

89-003014 McShane, Thomas O. CONSERVATION BEFORE THE CRISIS: AN OPPORTUNITY IN GABON. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 210-214. 1988. WR 213
[World Wildl. Fund, Washington, DC]

89-003015 Miller, K. R. MATCHING CONSERVATION GOALS TO DIVERSE CONSERVATION AREAS: A GLOBAL PERSPECTIVE. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 1-12. 1983. WR 213
[School Nat. Resour., Univ. Mich., Ann Arbor 48105]

89-003016 Mwangi, Z. J. and C. A. Zulberti. OPTIMIZATION OF WILDLIFE AND LIVESTOCK PRODUCTION. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 23-28. 1986. WR 213
[Minist. Agric. & Livestock Dep., P.O. Box 30028, Nairobi, Kenya]

89-003017 Njoka, Theuri. RANGE IMPROVEMENT FOR WILDLIFE & LIVESTOCK. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 159-164. 1986. WR 213
[K.E.T.R.I., P.O. Box 362, Kikuyu, Kenya]

89-003018 Onadeko, S. A. and A. E. Doumu. AWARENESS OF WILDLIFE CONSERVATION IN POST-PRIMARY INSTITUTIONS AROUND NEW BUSSA. *Nigerian Field* 53(4):167-169. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria]

89-003019 Onyeanusi, A. E. and Mohammed Aminu. RANGE RESOURCES IN FALGORE GAME RESERVE HERBAGE, SALT-LICK AND WATER AVAILABILITY. *Nigerian Field* 53(4):183-186. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-003020 Osakwe, M. E. and D. C. Alum. THE STATUS OF WILDLIFE CONSERVATION IN ANAMBRA STATE. *Nigerian Field* 53(4):187-189. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria]

89-003021 Osemeobo, Gbadebo Jonathan. ANIMAL WILDLIFE CONSERVATION UNDER MULTIPLE LAND-USE SYSTEMS IN NIGERIA. *Environ. Conserv.* 15(3):235-249. 1988. WR 213
[Fed. Dep. For., P.M.B. 2142, Abeokuta, Nigeria]

89-003022 Owen-Smith, R. Norman, editor. MANAGEMENT OF LARGE MAMMALS IN AFRICAN CONSERVATION AREAS. PROCEEDINGS OF A SYMPOSIUM HELD IN PRETORIA, SOUTH AFRICA, 29-30 APRIL 1982. *Haum Educ. Publ.* 297p. 1983. WR 213
Individual chapters indexed in this issue of *Wildlife Review*.

89-003023 Parker, I. S. C. CONSERVATION, REALISM AND THE FUTURE. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 281-292. 1983. WR 213
[P.O. Box 30678, Nairobi, Kenya]

89-003024 Pertet, Fred. DEPREDATION AND PREDATION PROBLEMS. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 41-47. 1986. WR 213
[Wildl. Conserv. & Manage. Dep., P.O. Box 40241, Nairobi, Kenya]

89-003025 Pienaar, U. de V. MANAGEMENT BY INTERVENTION: THE PRAGMATIC/ECONOMIC OPTION. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 23-36. 1983. WR 213
[Kruger Natl. Park, Private Bag X402, Skukuza 1350, South Africa]

89-003026 Potterton, Tony and Peter Hetz. AN EDUCATIONAL APPROACH TO RESOLVING WILDLIFE/LIVESTOCK CONFLICTS. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 17-19. 1986. WR 213
[African Wildl. Found., P.O. Box 48177, Nairobi, Kenya]

89-003027 Preece, David John. A PLANNING AND DESIGN PROCESS FOR INTEGRATING WILDLIFE CONCERNS INTO NEW RESIDENTIAL DEVELOPMENTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 118-121. 1986. WR 213
[Greenhorne & O'Mara, Inc., 9001 Edmonston Rd., Greenbelt, MD]

89-003028 Prescott-Allen, Robert and Christine Prescott-Allen. WHAT'S WILDLIFE WORTH? *Earthscan Publ.* 92p. 1982. Available from Earthscan, 3 Endsleigh St., London WC1H 0DD, England. WR 213

89-003029 Rao, Kishore. WILDLIFE CONSERVATION: MORE THAN A THEORY - AN ACTION PLAN. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 626-628. 1986. WR 213
[Dep. For. & Wildl., 339 Krishi Bhawan, New Delhi, India]

89-003030 Reaume, Richard F. WATERCOURSE TREATMENT IN HIGH DENSITY RESIDENTIAL DEVELOPMENT. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 100-101. 1986. WR 213
[JNC Dev. Corp., 5780 N. Swan Rd., Tucson, AZ 85718]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-003031 Robinson, Ann Y. CONSERVATION COMPLIANCE AND WILDLIFE. *J. Soil Water Conserv.* 44(1):44-46. 1989. WR 213
[Izaak Walton League Am., 6601 Auto Club Rd., Minneapolis, MN 55438]

89-003032 Ryder, Oliver A. RESEARCH FRONTIERS IN GENETICS: FUTURE NEEDS AND OPPORTUNITIES IN SUPPORT OF SELF-SUSTAINING POPULATIONS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 375-379. 1988. WR 213

89-003033 Saharia, V. B. THE ROLE OF THE WILDLIFE INSTITUTE OF INDIA. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 132-136. 1985. WR 213
[Wildl. Inst. India, P.O. New Forest, Dehra Dun 248006, Uttar Pradesh, India]

89-003034 Sale, J. B. WILDLIFE RESEARCH IN THE INDOMALAYAN REALM. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor.* p. 137-149. 1985. WR 213
[Wildl. Inst. India, P.O. New Forest, Dehra Dun 248006, Uttar Pradesh, India]

89-003035 Sawhill, G. S. and Karl Braun. NATURAL DRAINAGE AND WILDLIFE MANAGEMENT IN THE OPEN SPACE COMMUNITY OF SMITHVILLE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 197-203. 1986. WR 213
[Moss Mill Rd., Smithville, NJ 08201]

89-003036 Schicker, Lisa. CHILDREN, WILDLIFE AND RESIDENTIAL DEVELOPMENTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 48-55. 1986. WR 213
[N.C. State Univ., School Design, Landscape Architecture, 404 Elm St., Raleigh 27604]

89-003037 Sheldon, J. C. FORESTRY IN BALANCE WITH CONSERVATION - THE ISSUES. *Scott. For.* 43(1):35-46. 1989. WR 213
[Dep. Planning, Lothian Regional Council, Edinburgh, Scotland]

89-003038 Silberman, Morton S. ANIMAL WELFARE, ANIMAL RIGHTS: THE PAST, THE PRESENT, AND THE 21st CENTURY. *J. Zoo Anim. Med.* 19(4):161-167. 1988. WR 213
[Robert W. Woodruff Health Sci. Cent., Emory Univ., P.O. Drawer KK, Atlanta, GA 30322]

89-003039 Sinclair, A. R. E. MANAGEMENT OF CONSERVATION AREAS AS ECOLOGICAL BASELINE CONTROLS. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 13-22. 1983. WR 213
[Inst. Anim. Resour. Ecol., Univ. British Columbia, Vancouver, BC, Canada V6T 1W5]

89-003040 Singh, Samar. WHY PRESERVE WILDLIFE? *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 624-625. 1986. WR 213
[Minist. Agric., Delhi, India]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-003041 Skovlin, Jon M. STATUS OF THE WILDLIFE PROGRAMME AT THE NATIONAL RANGE RESEARCH STATION, KIBOKO, KENYA. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 183-188. 1986. WR 213
[Natl. Range Res. Stn., Kiboko, Winrock Int., P.O. Box 12, Makindu, Kenya]

89-003042 Stewart, Laura Jane. NUTRITION OPTIONS FOR SMALLER ZOOS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 473-475. 1988. WR 213

89-003043 Teer, James G. CROPPING WILDLIFE FOR FOOD AND PROFIT. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 189-195. 1986. WR 213
[Welder Wildl. Found., P.O. Drawer 1400, Sinton, TX 78387]

89-003044 Thompson, Garth. TOURISM - AFRICA'S GREATEST CONSERVATIONIST. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 207-209. 1988. WR 213

89-003045 van Riper, Charles III and James F. Quinn. ALTERNATIVE VIEWS OF RESERVE DESIGN FOR WILDLIFE MANAGERS. *Trans. West. Sect. Wildl. Soc.* 24:12-17. 1988. WR 213
[Dep. Wildl. & Fish. Biol. & Coop. Parks Studies Unit, Univ. Calif., Davis 95616]

89-003046 Verner, Jared and John G. Kie. POPULATION MONITORING: AN ESSENTIAL LINK BETWEEN THEORETICAL AND APPLIED CONSERVATION BIOLOGY. *Trans. West. Sect. Wildl. Soc.* 24:18-25. 1988. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 2081 E. Sierra Ave., Fresno, CA 93710]

89-003047 Walker, B. H. and P. S. Goodman. SOME IMPLICATIONS OF ECOSYSTEM PROPERTIES FOR WILDLIFE MANAGEMENT. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 79-92. 1983. WR 213
[Cent. Resour. Ecol., Dep. Bot., Univ. Witwatersrand, Johannesburg 2001, South Africa]

89-003048 Wawiye, J. Y. COMPATIBILITY AND CONFLICT IN USES OF FOREST RESOURCES BY WILDLIFE AND LIVESTOCK. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 11-16. 1986. WR 213
[Minist. Environ. & Nat. Resour., Nairobi, Kenya]

89-003049 Weyerhaeuser, Rick. CONSERVATION IN AFRICA WITH A DOSE OF REALISM. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 218-223. 1988. WR 213
[World Wildl. Fund, Washington, DC]

89-003050 Wharton, Dan. ESTABLISHING RESEARCH PRIORITIES IN ZOOS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 370-374. 1988. WR 213

89-003051 Williams, G. and K. Ghebremeskel. THE USE OF A COMPUTERISED DATABASE IN THE NUTRITIONAL MANAGEMENT OF CAPTIVE ANIMALS. *AAZPA (Am. AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 478-481.

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

89-003051 CONTINUED 1988. WR 213
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-003052 Wood, Judith D. LOCAL LANDSCAPE CONSERVATION: WHAT CAN ZOOS DO? *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 458-462. 1988. WR 213

89-003053 Wyckoff, J. B. ELEMENTS OF A LIVESTOCK/WILDLIFE INTERFACE POLICY. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 197-199. 1986. WR 213
[Harvard Inst. Int. Dev., P.O. Box 47098, Nairobi, Kenya]

89-003054 Ziebell, Charles D. PONDS AND THEIR ASSOCIATED HABITAT IN RESIDENTIAL SETTINGS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 102-104. 1986. WR 213
[Coop. Fish & Wildl. Res. Unit, School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

WILDLIFE--MANAGEMENT--NONGAME

89-003055 Matthews, Michael J. NEW YORK STATE'S URBAN WILDLIFE PROGRAM WITH EMPHASIS ON URBAN WILDLIFE EDUCATION. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 43-45. 1986. WR 213
[Urban Wildl. Unit, NYSDEC Wildl. Resour. Cent., Delmar, NY 12054]

GENERAL ECOSYSTEMS

89-003056 Cairns, John, Jr. DISTURBED ECOSYSTEMS AS OPPORTUNITIES FOR RESEARCH IN RESTORATION ECOLOGY. *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors.* p. 307-320. 1987. WR 213
[Univ. Cent. Environ. Studies, VPI&SU, Blacksburg, VA 24061]

89-003057 Chapman, S. B.; R. T. Clarke and N. R. Webb. THE SURVEY AND ASSESSMENT OF HEATHLAND IN DORSET, ENGLAND, FOR CONSERVATION. *Biol. Conserv.* 47(2):137-152. 1989. WR 213
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorset BH20 5AS, England]

89-003058 Christiansen, K. A. MACROEVOLUTION IN CAVES. *Proc. Iowa Acad. Sci.* 94(1):222. 1987. Abstract only. WR 213
[Grinnell Coll., Grinnell, IA 50112]

89-003059 Harris, Larry D. EDGE EFFECTS AND CONSERVATION OF BIOTIC DIVERSITY. *Conserv. Biol.* 2(4):330-332. 1988. WR 213
[Dep. Wildl. & Range Sci., Univ. Fla., Gainesville 32611]

GENERAL ECOSYSTEMS (CONTINUED)

89-003060 Lesslie, Robert G.; Brendan G. Mackey and Kathryn M. Preece. A COMPUTER-BASED METHOD OF WILDERNESS EVALUATION. *Environ. Conserv*. 15(3):225-232. 1988. WR 213
[Cent. Resour. & Environ. Studies, Australian Natl. Univ., GPO Box 4, Canberra, A.C.T. 2601, Australia]

89-003061 Sakshaug, Egil and Hein Rune Skjoldal. LIFE AT THE ICE EDGE. *Ambio* 18(1):60-67. 1989. WR 213
[Inst. Mar. Res., P.O. Box 1870, N-5024 Bergen-Nordnes, Norway]

89-003062 Young, Euan C. ECOLOGY AND CONSERVATION OF THE POLAR REGIONS. *Ambio* 18(1):23-33. 1989. WR 213
[Univ. Auckland, Zool. Dep., Private Bag, Auckland, New Zealand]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE

89-003063 Adamus, Paul. USES AND PROPOSED REVISIONS FOR THE ADAMUS ASSESSMENT METHODOLOGY. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 73-77. 1986. WR 213
[Eco-Analysts, Inc., 94 Western Ave., Bath, ME 04530]

89-003064 Alexander, Charles E.; Marlene A. Broutman and Don W. Field. AN INVENTORY OF COASTAL WETLANDS OF THE USA. *Natl. Ocean. Atmos. Admin.* 24p. 1986. WR 213
[Ocean Assess. Div., Office Oceanogr. & Mar. Assess., Natl. Ocean. & Atmos. Admin., Washington, DC]

89-003065 Ammann, Alan P.; Robert W. Franzen and Judith L. Johnson. CONNECTICUT'S WETLAND EVALUATION METHOD DESIGNED FOR TOWN OFFICIALS AND OTHER NONSPECIALISTS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 98-102. 1986. WR 213
[Soil Conserv. Serv., U.S. Soil Conserv. Serv., Fed. Bldg., Durham, NH]

89-003066 Anderson, Bertin. DEEP TILLAGE AIDS TREE ESTABLISHMENT IN RIPARIAN REVEGETATION PROJECTS IN ARID SOUTHWEST. *Restoration Manage. Notes* 6(2):84-87. 1988. WR 213
[Reveg. & Wildl. Manage. Cent., 201 S. Palm Dr., Blythe, CA 92225]

89-003067 Anderson, Nancy. THE MISSING LAW: GAPS IN FRESHWATER WETLAND PROTECTION IN MAINE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 300-302. 1986. WR 213
[Maine Audubon, Gilsland Farm, 118 Old Rt. 1, Falmouth 04105]

89-003068 Anderson, Thistle A. LOCAL GOVERNMENT RESPONSES TO THE WETLANDS PROTECTION CHALLENGE: INTEGRATION AND COOPERATION. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 739-746. 1988. WR 213
[1548 Crest Rd., Raleigh, NC 27606]

89-003069 Axell, H. E. CONTROL OF REEDS (*PHRAGMITES COMMUNIS*) AT MINSMERE, ENGLAND. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 44-50.

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003069 CONTINUED 1982. WR 213
[RSPB, The Lodge, Sandy, Beds. SG19 2DL, England]

89-003070 Baca, Bart J.; J. Steven Dingman and Thomas E. Lankford. EVALUATION OF THE IMPACTS OF DEAD-END CANALS AND IMPOUNDMENTS ON AN ESTUARINE ECOSYSTEM. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors*. p. 201-212. 1988. WR 213
[Coastal Sci. & Eng., Inc., P.O. Box 8056, Columbia, SC 29202]

89-003071 Barnard, William D. THE NEED FOR RANKING WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 232-234. 1986. WR 213
[Ocean's Program, U.S. Congress, Off. Technol. Assessment, Washington, DC 20510]

89-003072 Biologische Station Rieselfelder Munster. CONTROL OF VEGETATION AT RIESELFELDER MUNSTER, FEDERAL REPUBLIC OF GERMANY. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 38-43. 1982. WR 213

89-003073 Brown, Mark. ASSESSING WETLAND VALUES IN LANDSCAPES DOMINATED BY HUMANITY. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 49-54. 1986. WR 213
[Cent. Wetlands, Univ. Fla., Gainesville 32611]

89-003074 Buckley, R. PLANT SUCCESSION UNDER REPEATED DISTURBANCE: ESTABLISHMENT AND GROWTH OF STRANDLINE FORBS AND CREEPERS ON UNSTABLE BEACHES IN THE WET TROPICS. *Proc. Ecol. Soc. Aust.* 15:307-311. 1988. WR 213
[Cent. Resour. & Environ. Studies, Australian Natl. Univ., Canberra, A.C.T. 2601, Australia]

89-003075 Canterberry, James H. PROTECTING WETLANDS WITH SWAMPBUSTER. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors*. p. 785-788. 1988. WR 213
[U.S. Soil Conserv. Serv., 310 New Bern Ave., Raleigh, NC 27601]

89-003076 Carter, Virginia and Franklin S. Baxter. U.S. GEOLOGICAL SURVEY DATA SOURCES FOR WETLAND ASSESSMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 140-145. 1986. WR 213
[USGS Natl. Cent., Mail Stop 431, 12201 Sunrise Valley Dr., Reston, VA 22092]

89-003077 Chabreck, Robert H. COASTAL MARSHES: ECOLOGY AND WILDLIFE MANAGEMENT. *Univ. Minn. Press* 138p. 1988. Available at $25.00 (cloth) or $12.95 (paper) from Univ. Minn. Press, 2037 University Ave., S.E., Minneapolis 55414. WR 213

89-003078 Cheng, Christine and Edward Konsevick. TRENDS IN THE WATER QUALITY OF AN URBAN ESTUARY: HACKENSACK MEADOWLANDS, NEW JERSEY. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors*. p. 147-154. 1988. WR 213
[Hackensack Meadowlands Dev. Comm., Two Dekorte Park Plaza, Lyndhurst, NJ 07071]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003079 Chescheir, G. M.; R. W. Skaggs; J. W. Gilliam and R. G. Broadhead. WETLAND BUFFER AREAS FOR TREATMENT OF PUMPED AGRICULTURAL DRAINAGE WATER. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors*. p. 255-263. 1988. WR 213
[Dep. Biol. & Agric. Eng., N.C. State Univ., Raleigh 27695-7625]

89-003080 Clairain, Ellis J., Jr. WET: A WETLAND EVALUATION TECHNIQUE FOR MICROCOMPUTERS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 93-95. 1986. WR 213
[U.S. Army Corps Eng., Waterways Exp. Stn., P.O. Box 631, Vicksburg, MS 39180]

89-003081 Clark, John R. ASSESSMENT FOR WETLANDS RESTORATION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 250-253. 1986. WR 213
[Natl. Park Serv., Hickory Landing, P.O. Box 246, Hollywood, MD 20636]

89-003082 Cooper, Josephine S. WETLANDS OR WASTELANDS? *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 22-25. 1986. WR 213
[Assist. Admin. External Affairs, U.S. Environ. Protection Agency, 401 M St., S.W., (A100-EA), Washington, DC 20460]

89-003083 Crumpton, William G. ALGAE IN NORTHERN PRAIRIE WETLANDS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor*. p. 188-203. 1989. WR 213
[Dep. Bot., Iowa State Univ., Ames 50010]

89-003084 Dahl, Thomas E. USE OF NATIONAL WETLANDS INVENTORY DATA FOR WETLAND ASSESSMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 146-150. 1986. WR 213
[Natl. Wetland Inventory, U.S. Fish & Wildl. Serv., 1375 K St., N.W., 4th Floor, Washington, DC 20005]

89-003085 Daiber, Franklin C. CONSERVATION OF TIDAL MARSHES. *Van Nostrand Reinhold* Co. 341p. 1986. WR 213

89-003086 Daniel, J. C. INDIA'S WETLAND RESOURCES. *In: Conserving Asia's Natural Heritage: The Planning and Management of Protected Areas in the Indomalayan Realm. J.W. Thorsell, editor*. p. 39-42. 1985. WR 213
[Bombay Nat. Hist. Soc., Hornbill House, Shahid Bhagat Singh Rd., Bombay 400 023, India]

89-003087 Danielson, Leon E.; L. K. (Mike) Gantt and Robert E. Noffsinger. ECONOMIC INCENTIVES TO CLEAR AND DRAIN POCOSIN WETLANDS. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors*. p. 791-800. 1988. WR 213
[N.C. State Univ., P.O. Box 8109, Raleigh 27695-8109]

89-003088 Dennis, Nona B. INDUSTRIAL AND COMMERCIAL DEVELOPMENT IN DIKED HISTORIC TIDELANDS OF SAN FRANCISCO BAY: THE NEED FOR ASSESSMENT OF CUMULATIVE IMPACTS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 191-197. 1986. WR 213
[ESA/Madrone, 23B Pamaron Way, Novato, CA 94947]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003089 Diamond, R. S. and D. J. Nilson. BUFFER DELINEATION METHOD FOR COASTAL WETLANDS IN NEW JERSEY. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 771-783. 1988. WR 213
[Rogers, Golden & Halpern, 1216 Arch St., Philadelphia, PA 19107]

89-003090 Dick, R. C.; G. A. Jordan and D. A. Daugharty. CARTOGRAPHIC MODELLING OF RIPARIAN STRIPS. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 228-231. 1988. WR 213
[Univ. New Brunswick, Fac. For., B.S.N. 44555, Fredericton, NB, Canada E3B 6C2]

89-003091 Doyle, Arthur F. THE CHARLES RIVER WATERSHED: A DUAL APPROACH TO FLOOD PLAIN MANAGEMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 38-42. 1986. WR 213
[U.S. Army Corps Eng., NED, Regulatory Branch, 424 Trapelo Rd., Waltham, MA 02254]

89-003092 Dunham, Fred O. MITIGATION BANKING: A STATE PERSPECTIVE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 257-259. 1986. WR 213
[Dep. Wildl. & Fish., P.O. Box 15570, Baton Rouge, LA 70895]

89-003093 Emmer, Rod E. WETLANDS RESTORATION: THE PRIVATE SECTOR TO THE RESCUE. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 747-756. 1988. WR 213
[Coastal Environ., Inc., 1260 Main St., Baton Rouge, LA 70802]

89-003094 Environmental Protection Agency. THE ECOLOGICAL IMPACTS OF WASTEWATER ON WETLANDS: AN ANNOTATED BIBLIOGRAPHY. *U.S. Environ. Protection Agency* EPA-905/3-84-002. 338p. 1984. WR 213

89-003095 Estevez, Ernest D. ASSESSMENT AND POLICY APPROACHES TO MANAGING CUMULATIVE IMPACTS IN WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 209-212. 1986. WR 213
[Mote Mar. Lab., 1600 City Island Park, Sarasota, FL 33577]

89-003096 Field, Don W.; Charles E. Alexander and Marlene Broutman. TOWARD DEVELOPING AN INVENTORY OF U.S. COASTAL WETLANDS. *Mar. Fish. Rev.* 50(1):40-46. 1988. WR 213
[Strategic Assess. Branch, Ocean Assess. Div., NOAA, Rockville, MD 20852]

89-003097 Fowler, S. V.; P. Chapman; D. Checkley; S. Hurd; M. McHale; G-S. Ramangason; J-E. Randriamasy; P. Stewart; R. Walters and J. M. Wilson. SURVEY AND MANAGEMENT PROPOSALS FOR A TROPICAL DECIDUOUS FOREST RESERVE AT ANKARANA IN NORTHERN MADAGASCAR. *Biol. Conserv.* 47(4):297-313. 1989. WR 213
[CIBC, Imperial Coll., Silwood Park, Ascot, Berks SL5 7PY, England]

89-003098 Groman, Hazel. WETLANDS OF THE CHESAPEAKE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 294-297. 1986. WR 213
[Environ. Law Inst., 1346 Connecticut Ave., N.W., Washington, DC 20036]

89-003099 Hausman, Scott. SPECIAL ASSESSMENT NEEDS AND ISSUES: THE REGULATOR'S PERSPECTIVE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 124-125. 1986. WR 213

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003099 CONTINUED
[Water Regulation Sect., Dep. Nat. Resour., P.O. Box 7921, Madison, WI 53707]

89-003100 Hollands, Garrett G. ASSESSING THE RELATIONSHIP OF GROUNDWATER AND WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. 55-57. 1986. WR 213
[I.E.P., Inc., Northboro, MA]

89-003101 Hollands, Garrett G. and Dennis W. McGee. A METHOD FOR ASSESSING THE FUNCTIONS OF WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 108-118. 1986. WR 213
[I.E.P., Inc., Northboro, MA]

89-003102 Huffman, Terry and Thomas G. Yocom. THE MULTIPLE PARAMETER APPROACH FOR TECHNICAL DELINEATIONS OF AQUATIC AND WETLAND BOUNDARIES UNDER FEDERAL REGULATORY JURISDICTION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 166-172. 1986. WR 213
[Consult. Environ. Regulatory Sci., 69 Aztec St., San Francisco, CA 94110]

89-003103 Ischinger, Lee S. and Gregor T. Auble. ASSESSMENT OF SEDIMENT CONTROL FUNCTIONS IN BOTTOMLAND HARDWOODS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 46-48. 1986. WR 213
[Wetland Ecol. Group, U.S. Fish & Wildl. Serv., 2627 Redwing Rd., Fort Collins, CO 80526]

89-003104 Jaakson, Reiner. NEW ZEALAND LEGISLATION FOR RIPARIAN CONTROL. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 653-662. 1988. WR 213
[Dep. Geogr., Univ. Toronto, Toronto, ON, Canada M5S 1A1]

89-003105 Jacobson, Alyse M. THE CALIFORNIA STATE COASTAL CONSERVANCY EXPERIENCE IN WETLAND ENHANCEMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 254-256. 1986. WR 213
[State Coastal Conserv., 1330 Broadway, Suite 1100, Oakland, CA 94612]

89-003106 Jarrett, James T. CHANGES OF SOME NORTH CAROLINA BARRIER ISLANDS SINCE THE MID-19th CENTURY. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 17-36. 1988. WR 213
[Coastal Eng. Branch, U.S. Army Corps Eng., Wilmington Dist., P.O. Box 1890, Wilmington, NC 28402-1890]

89-003107 Johnson, R. Roy; Lois T. Haight and James M. Simpson. ENDANGERED HABITATS VERSUS ENDANGERED SPECIES: A MANAGEMENT CHALLENGE. *West. Birds* 18(1):89-96. 1987. WR 213
[Natl. Park Serv., School Renewable Resour., Univ. Ariz., Tucson 85721]

89-003108 Johnson, R. Roy and Steven W. Carothers. THE STATUS OF RIPARIAN ECOLOGY AND MANAGEMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 290-293. 1986. WR 213
[U.S. Fish & Wildl. Serv., 2627 Redwing Rd., Fort Collins, CO 80526-2899]

89-003109 Kantrud, Harold A.; John B. Millar and A. G. van der Valk. VEGETATION OF WETLANDS OF THE PRAIRIE POTHOLE REGION. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 132-187. 1989. WR 213

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003109 CONTINUED
[U.S. Fish & Wildl. Serv., North. Prairie Wildl. Res. Cent., Jamestown, ND 58401]

89-003110 Keller, Jeffrey K. A METHOD FOR THE QUANTIFICATION OF EDGE AND THE SPATIAL ARRANGEMENT OF HABITAT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 34-37. 1986. WR 213
[308 Fernow, Cornell Univ., Ithaca, NY 14853]

89-003111 Kelsey, Ronald. CORPS OF ENGINEERS PERSPECTIVE OF WETLAND ASSESSMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 30-31. 1986. WR 213
[Off. Chief Eng., U.S. Army Corps Eng., Washington, DC 20314]

89-003112 Kitching, R. L., editor. THE ECOLOGY OF AUSTRALIA'S WET TROPICS. *Proc. Ecol. Soc. Aust.* 15:326p. 1988. Available at $53.00 from Surrey Beatty & Sons Pty., Ltd., 43-45 Richard Rd., Chipping Norton, N.S.W. 2170, Australia. WR 213
Selected chapters indexed in this issue of *Wildlife Review*.

89-003113 Kitching, Roger and Charles Clarke. INDIGENOUS TROPICAL ECOLOGY. *Trends Ecol. Evol.* 4(3):85-87. 1989. WR 213
[Dep. Ecosyst. Manage., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-003114 Koshevoi, V. A. [LANDSCAPE METHOD OF STUDYING SWAMPS FOR THE PURPOSE OF THEIR RATIONAL UTILIZATION.] *Vest. Mosk. Univ. Ser. Geogr.* 1:81-83. 1987. In Russian. From Ecol. Abstr. 88/5:88L/6394. 1988. WR 213

89-003115 Kuenzler, Edward J. SEWAGE NUTRIENT REMOVAL BY NORTH CAROLINA SWAMP SYSTEMS. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 281-292. 1988. WR 213
[Dep. Environ. Sci. & Eng., Univ. N.C., Chapel Hill 27515]

89-003116 Kusler, Jon A. and Patricia Riexinger, editors. PROCEEDINGS OF THE NATIONAL WETLAND ASSESSMENT SYMPOSIUM. PORTLAND, MAINE. JUNE 17-20, 1985. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. 331p. 1986. Available from Assoc. State Wetland Managers, Box 528, Chester, VT 05143. WR 213
[J. A. Kusler Assoc., P.O. Box 528, Chester, VT 05143] Selected papers indexed in this issue of *Wildlife Review*.

89-003117 LaBaugh, James W. CHEMICAL CHARACTERISTICS OF WATER IN NORTHERN PRAIRIE WETLANDS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 56-90. 1989. WR 213
[U.S. Geol. Surv., Denver, CO 80225]

89-003118 Laney, R. Wilson. THE ELIMINATION OF ISOLATED AND LIMITED-FLOW WETLANDS IN NORTH CAROLINA. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 243-253. 1988. WR 213
[U.S. Fish & Wildl. Serv., Div. Ecol. Serv., P.O. Box 25039, Raleigh, NC 27611-5039]

89-003119 Larson, Larry A. WETLANDS AND FLOODING: ASSESSING HYDROLOGIC FUNCTIONS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 43-45. 1986. WR 213
[Dep. Nat. Resour., P.O. Box 7921, Madison, WI 53707]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003120 Larsson, T. RESTORATION OF LAKES AND OTHER WETLANDS IN SWEDEN. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 107-122. 1982. WR 213
[Natl. Swedish Environ. Protection Board, Box 1302, S-171 25 Solna, Sweden]

89-003121 Laverty, Edward B. MAINE FRESHWATER WETLANDS REGULATION: THE INARTICULATE IDEOLOGY OF IMPLEMENTATION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 305-310. 1986. WR 213
[RFD #2, Box 266, Milo, ME 04463]

89-003122 Leitch, Jay A. POLITICOECONOMIC OVERVIEW OF PRAIRIE POTHOLES. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 2-14. 1989. WR 213
[Dep. Agric. Econ., N.D. State Univ., Fargo 58105]

89-003123 Lepage, Carolyn A. THE MAINE PEAT RESOURCE EVALUATION PROGRAM: AN ECONOMIC ASSESSMENT OF MAINE'S PEAT DEPOSITS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 319-321. 1986. WR 213
[Geol. Surv., Dep. Conserv., State House, Stn. 22, Augusta, ME 04333]

89-003124 Livingston, Robert J. SCIENTIFIC RESEARCH AND RESOURCE MANAGEMENT: RELATIONSHIPS AND INCONSISTENCIES. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 14-18. 1986. WR 213
[Cent. Aquat. Studies, Fla. State Univ., Dep. Biol. Sci., Tallahassee 32306]

89-003125 Lonard, Robert I. and Ellis J. Clairain, Jr. IDENTIFICATION OF METHODOLOGIES FOR THE ASSESSMENT OF WETLAND FUNCTIONS AND VALUES. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 66-72. 1986. WR 213
[Dep. Biol., Pan American Univ., 1201 W. University Dr., Edinburgh, TX 78539]

89-003126 Lyke, William L. and Thomas J. Hoban, editors. PROCEEDINGS OF THE SYMPOSIUM ON COASTAL WATER RESOURCES. *Am. Water Resour. Assoc.* 874p. 1988. WR 213
[U.S. Geol. Surv., P.O. Box 2857, Raleigh, NC 27602] Selected papers indexed in this issue of *Wildlife Review*.

89-003127 Massey, Karen A. and Kim Mathews. LEGAL ISSUES IN WETLANDS PROTECTION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 314-318. 1986. WR 213
[Mar. Law Inst., Univ. South. Maine, 246 Deering Ave., Portland 04102]

89-003128 McColligan, Eugene T., Jr. THE NEW JERSEY COMPUTER PROGRAM FOR THE WETLAND FUNCTIONAL ASSESSMENT METHOD: AN ENVIRONMENTAL MANAGEMENT PERSPECTIVE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 87-92. 1986. WR 213
[Dep. Environ. Protection, Div. Coastal Resour., Rm. 202, Labor & Ind. Bldg., John Fitch Plaza, Trenton, NJ 08625]

89-003129 McCreary, Scott T. NEEDED: A NATIONAL AGENDA FOR RESTORATION OF DEGRADED WETLAND ECOSYSTEMS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 271-277. 1986. WR 213

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003129 CONTINUED
[Dep. Urban Studies & Planning, MIT, 77 Massachusetts Ave., Cambridge, MA 02139]

89-003130 McGee, Dennis. ASSESSING PROJECT IMPACTS ON PEATLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 198-201. 1986. WR 213
[Normandeau Assoc., Inc., 25 Nashua Rd., Bedford, NH 03102]

89-003131 Michener, Martin. A BOUNDARY DEFINITION METHODOLOGY: THE WETLAND SITE INDEX. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 175-177. 1986. WR 213
[Normandeau Assoc., 25 Nashua Rd., Bedford, NH 03102]

89-003132 Michener, Martin C. ASSESSING WETLANDS FOR PIPELINE CORRIDORS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 188-190. 1986. WR 213
[Normandeau Assoc., 25 Nashua Rd., Bedford, NH 03102]

89-003133 Mitchell, George J. THE IMPORTANCE OF WETLANDS PROTECTION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 20-21. 1986. WR 213

89-003134 Moore, Dwayne R. J.; Paul A. Keddy; Connie L. Gaudet and Irene C. Wisheu. CONSERVATION OF WETLANDS: DO INFERTILE WETLANDS DESERVE A HIGHER PRIORITY? *Biol. Conserv.* 47(3):203-217. 1989. WR 213
[Dep. Biol., Univ. Ottawa, Ottawa, ON, Canada K1N 6N5]

89-003135 Moorhead, K. K. THE NATIONAL WETLANDS INVENTORY IN NORTH CAROLINA. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 235-242. 1988. WR 213
[Dep. Nat. Resour. & Comm. Dev., Div. Soil & Water Conserv., P.O. Box 27687, Raleigh, NC 27611]

89-003136 Moul, Robert L. APPROACHES TO COST EFFECTIVE WETLAND ASSESSMENT IN THE FIELD. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 159-164. 1986. WR 213
[Field Serv. Sect., 7225 Wrightsville Ave., Wilmington, NC 28403]

89-003137 Murkin, Henry R. THE BASIS FOR FOOD CHAINS IN PRAIRIE WETLANDS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 316-338. 1989. WR 213
[Delta Waterfowl & Wetlands Res. Stn., Portage la Prairie, MB, Canada R1N 3A1]

89-003138 Neely, Robert K. NITROGEN AND PHOSPHORUS DYNAMICS AND THE FATE OF AGRICULTURAL RUNOFF. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 92-131. 1989. WR 213
[Dep. Biol., East. Mich. Univ., Ypsilanti 48197]

89-003139 Niedzialkowski, Diane M. and Robert L. Kerr. WETLANDS MITIGATION BANKING: PLANNING FOR PROTECTION OF ENVIRONMENTAL VALUES. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 789-790. 1988. WR 213
[U.S. Environ. Protection Agency (PM-223), 401 M St., S.W., Washington, DC 20460]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003140 Niering, William A. SCENIC, CULTURAL (HERITAGE) AND EDUCATIONAL VALUES OF WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 58-64. 1986. WR 213
[Biol. Dep., Conn. Coll. & Arboretum, New London 06320]

89-003141 Novacek, Jean M. THE WATER AND WETLAND RESOURCES OF THE NEBRASKA SANDHILLS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 340-384. 1989. WR 213
[Star Rt., Box 56, Bartlett, NE 68622]

89-003142 O'Neill, Janet. WETLANDS VALUES ASSESSMENT: A FEDERAL PERSPECTIVE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 126-127. 1986. WR 213
[U.S. Army Corps Eng., NED, Regulatory Branch, 424 Trapelo Rd., Waltham, MA 02254]

89-003143 Pagel, Carl. APPROACHES TO WETLANDS CONSERVATION IN VERMONT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 322-323. 1986. WR 213
[Environ. Conserv., Dep. Water Resour., State Off. Bldg., Montpelier, VT 05602]

89-003144 Pandit, Ashok K. THREATS TO KASHMIR WETLANDS AND THEIR WILDLIFE RESOURCES. *Environ. Conserv.* 15(3):266-268. 1988. WR 213
[Cent. Res. Dev., Naseem Bagh Campus, Univ. Kashmir, Srinagar-190 006, India]

89-003145 Phillips, Lynn R. and Jonathan D. Phillips. LAND USE PLANNING TECHNIQUES FOR ESTUARINE SHORELINE BUFFER ZONE ESTABLISHMENT. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 635-640. 1988. WR 213
[Carteret Cty., Courthouse Square, Beaufort, NC 28516]

89-003146 Piel, Robert. AN EVALUATION OF A RANKING SYSTEM FOR COASTAL WETLANDS IN NEW JERSEY. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 244-247. 1986. WR 213
[L & I Bldg., John Fitch Plaza, Trenton, NJ 08625]

89-003147 Poling, David L. and Eugene T. McColligan, Jr. THE USE OF FHWA'S WETLAND FUNCTIONAL ASSESSMENT METHODOLOGY IN NEW JERSEY. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 103-107. 1986. WR 213
[19 Hanford Pl., Caldwell, NJ 07006]

89-003148 Potter, Craig. WETLANDS EVALUATION FOR ACQUISITION PURPOSES: INTERIOR'S PERSPECTIVE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 26-29. 1986. WR 213
[U.S. Fish & Wildl. Serv., U.S. Dep. Interior, Washington, DC 20240]

89-003149 Reed, Robert H. ALTERNATE METHODOLOGIES: THE WISCONSIN EXPERIENCE IN MODIFICATION OF THE FHWA'S (ADAMUS) METHODOLOGY. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 96-97. 1986. WR 213
[Bur. Water Reg. & Zoning, Dep. Nat. Resour., P.O. Box 7921, Madison, WI 53707]

89-003150 Richardson, Bonham C. CATASTROPHES AND CHANGE ON ST. VINCENT. *Natl. Geogr. Res.* 5(1):111-125. 1989. WR 213
[Dep. Geogr., VPI&SU, Blacksburg, VA 24061]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003151 Riddle, Elizabeth P. and Melanie F. Denninger. COASTAL WETLANDS MITIGATION BANKS: THE CALIFORNIA STATE COASTAL CONSERVANCY EXPERIENCE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 260-264. 1986. WR 213
[State Coastal Conserv., 1330 Broadway, Suite 1100, Oakland, CA 94612]

89-003152 Riexinger, Patricia. NEW YORK STATE'S FRESHWATER WETLANDS CLASSIFICATION SYSTEM. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 235-238. 1986. WR 213
[Dep. Environ. Conserv., 50 Wolf Rd., Rm. 524, Albany, NY 12233-0001]

89-003153 Roman, Charles T. and Ralph E. Good. DELINEATING WETLAND BUFFER PROTECTION AREAS: THE NEW JERSEY PINELANDS MODEL. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 224-230. 1986. WR 213
[Cent. Coastal & Environ. Studies, Rutgers Univ., Busch Campus, New Brunswick, NJ 08903]

89-003154 Sather, J. Henry and Ellis J. Clairain, Jr. WETLAND VALUES ASSESSMENT: AN EXAMPLE OF INTERAGENCY COOPERATION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 78-79. 1986. WR 213
[Ill. Univ., Macomb 61455]

89-003155 Scarlatos, P. D. SENSITIVITY OF ESTUARINE SYSTEMS. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 109-118. 1988. WR 213
[S. Fla. Water Manage. Dist., P.O. Box 24680, West Palm Beach 33416-4680]

89-003156 Shabman, Leonard. THE CONTRIBUTION OF ECONOMICS TO WETLANDS VALUATION AND MANAGEMENT. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 9-13. 1986. WR 213
[Dep. Agric. Econ., Va. Tech., Blacksburg 24060]

89-003157 Shaw, Carrie Anne. THE CALIFORNIA NATURAL DIVERSITY DATA BASE AND RIPARIAN ECOSYSTEM CONSERVATION. *West. Birds* 18(1):85-88. 1987. WR 213
[Nongame-Heritage Program, Dep. Fish & Game, 1416 Ninth St., Sacramento, CA 95814]

89-003158 Sipple, William S. AN EPA PERSPECTIVE ON WETLAND GEOGRAPHIC JURISDICTION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 173-174. 1986. WR 213
[U.S. Environ. Protection Agency, Washington, DC 20460]

89-003159 Smith, Hanley K. and Charles J. Newling. WETLANDS TRAINING IN THE CORPS OF ENGINEERS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 86. 1986. WR 213
[U.S. Army Corps Eng., Waterways Exp. Stn., P.O. Box 631, Vicksburg, MS 39180]

89-003160 Stakhiv, Eugene Z. CUMULATIVE IMPACT ANALYSIS FOR REGULATING DECISION MAKING. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 213-222. 1986. WR 213
[U.S. Army Eng. Inst. Water Resour., Casey Bldg., Fort Belvoir, VA 22060]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003161 Stanley, Donald W. HISTORICAL TRENDS IN NUTRIENT LOADING TO THE NEUSE RIVER ESTUARY, NC. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 155-164. 1988. WR 213
[Inst. Coastal & Mar. Resour., E. Carolina Univ., Greenville, NC 27858]

89-003162 Stephenson, Richard A. THE SIGNIFICANCE OF BARRIER ISLAND PROCESSES IN THE PLANNING OF COASTAL DEVELOPMENT. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 641-651. 1988. WR 213
[Urban & Regional Planning Program, E. Carolina Univ., Greenville, NC 27858-4353]

89-003163 Stuber, Patricia J. Ruta. THE NATIONAL WETLAND VALUES BIBLIOGRAPHIC DATA BASE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 151-153. 1986. WR 213

89-003164 Thomas, G. J. MANAGEMENT OF VEGETATION AT WETLANDS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 21-37. 1982. WR 213
[RSPB, The Lodge, Sandy, Beds. SG19 2DL, England]

89-003165 Tiner, Ralph W., Jr. HYDRIC SOILS: THEIR USE IN WETLAND IDENTIFICATION AND BOUNDARY DELINEATION. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 178-182. 1986. WR 213
[U.S. Fish & Wildl. Serv., Gateway Cent., Newton Corner, MA 02158]

89-003166 Tolman, Andrews L. THE MAINE FRESHWATER WETLANDS MAPPING PROGRAM. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 157-158. 1986. WR 213
[Geol. Surv., Dep. Conserv., State House, Stn. 22, Augusta, ME 04333]

89-003167 Tripp, James T. B. LEGAL IMPLICATIONS OF VARIOUS ASSESSMENT METHODOLOGIES: ASSESSING WETLAND FUNCTIONS AND THE TAKING ISSUE. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 280-285. 1986. WR 213
[Environ. Defense Fund, 444 Park Ave., S., New York, NY 10016]

89-003168 Turek, James G. COASTAL WETLANDS REGULATION IN MARYLAND: A PROGRAM EVALUATION. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 757-770. 1988. WR 213
[John E. Harms, Jr. & Assoc., Inc., P.O. Box 5, Pasadena, MD 21122]

89-003169 Tyler, Harry P., Jr. PROTECTING MAINE'S PEATLANDS THROUGH THE MAINE CRITICAL AREAS PROGRAM. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 303-304. 1986. WR 213
[State Planning Off., State House, Stn. 38, 187 State St., Augusta, ME 04333]

89-003170 van der Valk, Arnold, editor. NORTHERN PRAIRIE WETLANDS. *Iowa State Univ. Press (Ames)* 414p. 1989. Available at $34.95 (cloth) from Iowa State Univ. Press, 2121 S. State Ave., Ames 50010-8365. WR 213
[Dep. Bot., Iowa State Univ., Ames 50010]

WETLANDS/ISLANDS/RIPARIAN HABITAT & WILDLIFE (CONTINUED)

89-003171 Weaver, D. F. and D. L. Hayes. POTENTIAL DEVELOPMENT OF ESTUARINE ISLANDS IN NEW HANOVER COUNTY. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 709-713. 1988. WR 213
[New Hanover Cty., 320 Chestnut St., Wilmington, NC 28401]

89-003172 Weller, Milton W. FRESHWATER MARSHES: ECOLOGY AND WILDLIFE MANAGEMENT. SECOND EDITION. *Univ. Minn. Press* 150p. 1987. Available at $25.00 (cloth) or $12.95 (paper) from Univ. Minn. Press, 2037 University Ave., S.E., Minneapolis 55414. WR 213

89-003173 Wencek, Martin D. APPLICATION OF THE GOLET SYSTEM IN ASSESSING WILDLIFE AND HABITAT FUNCTIONS IN RHODE ISLAND. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 239-243. 1986. WR 213

89-003174 Wilkinson, Robert N. A HABITAT EVALUATION AND MANAGEMENT PLAN FOR A RIPARIAN ECOSYSTEM. *M.S. thesis, Univ. N. Tex.* 109p. 1988. From Masters Abstr. Int. 27(1):85. 1989. Order No. MA1333573. WR 213
Castor canadensis, *Aix sponsa*, and *Dryocopus pileatus* in Texas.

89-003175 Willard, Daniel E. PROGRESS REPORT ON RESTORATION AND DEVELOPMENT OF WETLANDS ON TWO SOUTH CHICAGO PROPERTIES. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 265-270. 1986. WR 213
[School Publ. & Environ. Affairs, Indiana Univ., Bloomington 47405]

89-003176 Winchester, Brian H. WET: A WETLAND EVALUATION TECHNIQUE FOR SOUTHEASTERN COASTAL PLAIN WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 119-121. 1986. WR 213
[CH2M Hill, Inc., P.O. Box 1647, Gainesville, FL 32602]

89-003177 Winter, Thomas C. HYDROLOGIC STUDIES OF WETLANDS IN THE NORTHERN PRAIRIE. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 16-54. 1989. WR 213
[U.S. Geol. Surv., Denver, CO 80225]

89-003178 Witherill, Donald. FRESHWATER WETLANDS IN MAINE: ARE WE READY FOR A STATE PERMIT PROGRAM? *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 311-313. 1986. WR 213
[Dep. Environ. Protection, Stn. #17, State House, Augusta, ME 04333]

89-003179 Witmer, G. W. ASSESSING CUMULATIVE IMPACTS TO WETLANDS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 204-208. 1986. WR 213
[9700 S. Cass Ave., Argonne, IL 60439]

RANGELAND/ARID HABITATS & WILDLIFE

89-003180 Allen, Barbara H. FOREST RANGELAND RELATIONSHIPS. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 339-362. 1988. WR 213
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

89-003181 Asay, K. H. REVEGETATION IN THE SAGEBRUSH ECOSYSTEM. *U.S. Dep. Agric. Agric. Res. Serv.* ARS-50. p. 19-27. 1987. WR 213
[USDA/ARS, Crops Res. Lab., Utah State Univ., UMC-63, Logan 84322]

RANGELAND/ARID HABITATS & WILDLIFE (CONTINUED)

89-003182 Ayuko, L. J. WILDLIFE AND LIVESTOCK RELATIONSHIPS: GRAZING AND PRODUCTION. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 179-182. 1986. WR 213
[Minist. Agric. & Livestock Dep., P.O. Box 30028, Nairobi, Kenya]

89-003183 Bailey, Arthur W. UNDERSTANDING FIRE ECOLOGY FOR RANGE MANAGEMENT. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor*. p. 527-557. 1988. WR 213
[Dep. Plant Sci., Univ. Alberta, Edmonton, AB, Canada]

89-003184 Berkofsky, Louis and Morton G. Wurtele, editors. PROGRESS IN DESERT RESEARCH. *Rowman & Littlefield Publ*. 353p. 1987. WR 213
[Ben-Gurion Univ. Negev, Sede Boqer Campus, Israel] Selected papers included in this issue of *Wildlife Review*.

89-003185 Blackburn, W. H. INFLUENCE OF BRUSH CONTROL ON HYDROLOGIC CHARACTERISTICS OF RANGE WATERSHEDS. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor*. p. 73-88. 1983. WR 213
[Dep. Range Sci., Tex. A&M Univ., College Station 77843]

89-003186 Bosch, O. J. H. and N. M. Tainton. ECOLOGICAL PRINCIPLES AND THEIR APPLICATION TO RANGELAND MANAGEMENT PRACTICE IN SOUTH AFRICA. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor*. p. 363-397. 1988. WR 213
[Potchefstroom Univ. Christian Higher Educ., Potchefstroom, South Africa]

89-003187 Bovey, R. W. and R. E. Meyer. HERBICIDE CONTROL METHODS -ABSORPTION AND PHYSIOLOGICAL CONSIDERATIONS OF THE PLANT. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor*. p. 45-52. 1983. WR 213
[U.S. Dep. Agric., Agric. Res. Serv., Dep. Range Sci., Tex. A&M Univ., College Station 77843]

89-003188 Braack, L. E. O. COMMUNITY DYNAMICS OF CARRION-ATTENDANT ARTHROPODS IN TROPICAL AFRICAN WOODLAND. *Oecologia (Berl.)* 72(3):402-409. 1987. WR 213
[Dep. Res. & Inf., Skukuza 1350, South Africa]

89-003189 Britton, Carlton M. and Henry A. Wright. BRUSH MANAGEMENT WITH FIRE. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor*. p. 61-68. 1983. WR 213
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

89-003190 Dregne, H. E., editor. DESERTIFICATION OF ARID LANDS. *Adv. Desert Arid Land Technol. Dev*. No. 3. 242p. 1983. WR 213

89-003191 Gibson, David J. EFFECTS OF ANIMAL DISTURBANCE ON TALLGRASS PRAIRIE VEGETATION. *Am. Midl. Nat*. 121(1):144-154. 1989. WR 213
[Dep. Biol., Univ. W. Fla., Pensacola 32514] *Microtus ochrogaster, Geomys bursarius, Bison bison*, and *Taxidea taxus* in Kansas.

89-003192 Heathcote, R. L. THE ARID LANDS: THEIR USE AND ABUSE. *Longman Group Ltd*. 323p. 1983. WR 213

RANGELAND/ARID HABITATS & WILDLIFE (CONTINUED)

89-003193 Heitschmidt, R. K. and R. D. Pieper. INTERGRATED BRUSH CONTROL AND GRAZING MANAGEMENT. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor*. p. 89-95. 1983. WR 213
[Tex. Agric. Exp. Stn., Vernon 76384]

89-003194 Hopkins, A. and Joanne Wainwright. CHANGES IN BOTANICAL COMPOSITION AND AGRICULTURAL MANAGEMENT OF ENCLOSED GRASSLAND IN UPLAND AREAS OF ENGLAND AND WALES, 1970-86, AND SOME CONSERVATION IMPLICATIONS. *Biol. Conserv*. 47(3):219-235. 1989. WR 213
[AFRC Inst. Grassland & Anim. Prod., North Wyke, Okehampton, Devon EX20 2SB, England]

89-003195 Jameson, Donald A. MODELLING RANGELAND ECOSYSTEMS FOR MONITORING AND ADAPTIVE MANAGEMENT. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor*. p. 189-221. 1988. WR 213
[Dep. Range Sci., Colo. State Univ., Fort Collins 80523]

89-003196 Kie, John G. and Jack Ward Thomas. RANGELAND VEGETATION AS WILDLIFE HABITAT. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor*. p. 585-605. 1988. WR 213
[Pac. Southwest For. & Range Exp. Stn., U.S. For. Serv., Fresno, CA 97310]

89-003197 Kline, Virginia M. and Evelyn A. Howell. PRAIRIES. *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors*. p. 75-83. 1987. WR 213
[Univ. Wis., 1207 Seminole Hwy., Madison 53711]

89-003198 Laycock, W. A. GRAZING MANAGEMENT SYSTEMS AND TACTICS IN THE SAGEBRUSH ECOSYSTEM. *U.S. Dep. Agric. Agric. Res. Serv*. ARS-50. p. 40-48. 1987. WR 213
[USDA/ARS, Crops Res. Lab., Colo. State Univ., Fort Collins 80523]

89-003199 Lent, Peter C. and David R. Klein. TUNDRA VEGETATION AS A RANGELAND RESOURCE. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor*. p. 307-337. 1988. WR 213
[Dep. Range, Wildl. & For., Univ. Nev., Reno 89512]

89-003200 McArthur, E. Durant; Stephen B. Monsen and Bruce L. Welch. SHRUBS AND FORBS FOR REVEGETATION PLANTINGS IN THE SAGEBRUSH ECOSYSTEM. *U.S. Dep. Agric. Agric. Res. Serv*. ARS-50. p. 28-39. 1987. WR 213
[U.S. For. Serv., Intermountain Res. Stn., Ogden, UT]

89-003201 McDaniel, Kirk C., editor. PROCEEDINGS: BRUSH MANAGEMENT SYMPOSIUM. *N.M. State Univ*. 104p. 1983. WR 213
[N.M. State Univ., Las Cruces]

89-003202 McPherson, Guy R.; Henry A. Wright and David B. Wester. PATTERNS OF SHRUB INVASION IN SEMIARID TEXAS GRASSLANDS. *Am. Midl. Nat*. 120(2):391-397. 1988. WR 213
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

89-003203 Muchena, F. N. LAND-USE PLANNING FOR INTEGRATED RANGE MANAGEMENT. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 103-110. 1986. WR 213
[Kenya Soil Surv., Minist. Agric. & Livestock Dev., P.O. Box 14733, Nairobi, Kenya]

RANGELAND/ARID HABITATS & WILDLIFE (CONTINUED)

89-003204 Nicholson, R. RANGE MANAGEMENT FROM GRASSLAND ECOLOGY. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 399-424. 1988. WR 213
[Dep. Biol. Sci., Fort Hays State Univ., Hays, KS 67601]

89-003205 Nurberdyev, M. and L. A. Dorokhov. RANGELANDS OF THE ARID REGIONS OF BOTSWANA. *Probl. Desert Dev. (Engl. Transl. Probl. Osvoeniya Pustyn)* No. 3. p. 73-79. 1988. WR 213

89-003206 Olang, Moses Ooro. VEGETATION MANAGEMENT FOR SUSTAINED PRODUCTION. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* P. 153-158. 1986. WR 213
[Tana & Athi Rivers, Dev. Auth., P.O. Box 47309, Nairobi, Kenya]

89-003207 Onsager, Jerome A., editor. INTEGRATED PEST MANAGEMENT ON RANGELAND: STATE OF THE ART IN THE SAGEBRUSH ECOSYSTEM. *U.S. Dep. Agric. Agric. Res. Serv.* ARS-50. 85p. 1987. WR 213

89-003208 Platou, Karen A. and Paul T. Tueller. THE ECOLOGY OF SHRUBLAND/WOODLAND FOR RANGE USE. *In: Vegetation Science Applications for Rangeland and Analysis and Management. P. T. Tueller, editor.* p. 295-305. 1988. WR 213
[Inyo Natl. For., Bishop, CA 93514]

89-003209 Redente, Edward F. and Edward J. Depuit. RECLAMATION OF DRASTICALLY DISTURBED RANGELANDS. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 559-584. 1988. WR 213
[Range Sci. Dep., Colo. State Univ., Fort Collins 80523]

89-003210 Roundy, Bruce A. and C. A. Call. REVEGETATION OF ARID AND SEMIARID RANGELANDS. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 607-635. 1988. WR 213
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

89-003211 Safriel, Uriel N. THE STABILITY OF THE NEGEV DESERT ECOSYSTEMS: WHY AND HOW TO INVESTIGATE IT. *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors.* p. 133-144. 1987. WR 213
[Ben-Gurion Univ. Negev, Sede Boqer Campus, Israel]

89-003212 Scifres, C. J.; W. T. Hamilton; J. M. Inglis and J. R. Connor. DEVELOPMENT OF INTEGRATED BRUSH MANAGEMENT SYSTEMS (IBMS): DECISION-MAKING PROCESSES. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 97-104. 1983. WR 213
[Dep. Range Sci., Tex. A&M Univ., College Station 77843]

89-003213 Smeins, Fred E. ORIGIN OF THE BRUSH PROBLEM - A GEOLOGICAL AND ECOLOGICAL PERSPECTIVE OF CONTEMPORARY DISTRIBUTIONS. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 5-16. 1983. WR 213
[Range Sci. Dep., Tex. A&M Univ., College Station 77843]

89-003214 Sosebee, Ronald E. PHYSIOLOGICAL, PHENOLOGICAL, AND ENVIRONMENTAL CONSIDERATIONS IN BRUSH AND WEED CONTROL. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 27-43.

RANGELAND/ARID HABITATS & WILDLIFE (CONTINUED)

89-003214 CONTINUED 1983. WR 213
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

89-003215 Swanson, Sherman. RIPARIAN VALUES AS A FOCUS FOR RANGE MANAGEMENT AND VEGETATION SCIENCE. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 425-445. 1988. WR 213
[Dep. Range, Wildl. & For., Univ. Nev., Reno 89512]

89-003216 Teer, James G. COMPATIBILITY AND CONFLICTS IN USES OF RANGELAND RESOURCES. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 5-9. 1986. WR 213
[Welder Wildl. Found., P.O. Drawer 1400, Sinton, TX 78387]

89-003217 Tueller, P. T., editor. VEGETATION SCIENCE APPLICATIONS FOR RANGELAND ANALYSIS AND MANAGEMENT. *Kluwer Acad. Publ.* 642p. 1988. WR 213
[Dep. Range, Wildl. & For., Univ. Nev., Reno 89512] Selected papers indexed in this issue of *Wildlife Review.*

89-003218 Vallentine, John F. MECHANICAL BRUSH CONTROL METHODS. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 53-59. 1983. WR 213
[Dep. Bot. & Range Sci., Brigham Young Univ., Provo, UT]

89-003219 Wallace, Arthur. ADDITIVE AND SYNERGISTIC NATURE OF MULTIPLE STRESSES IN THE STABILITY OF DESERT ECOSYSTEMS. *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors.* p. 194-197. 1987. WR 213
[Univ. Calif., Los Angeles 90024]

89-003220 Wight, J. Ross. RANGELAND MODELING. *U.S. Dep. Agric. Agric. Res. Serv.* ARS-50. p. 56-59. 1987. WR 213
[USDA/ARS, 270 Orchard, Boise, ID 83705]

89-003221 Wilson, A. D.; K. C. Hodgkinson and J. C. Noble. VEGETATION ATTRIBUTES AND THEIR APPLICATION TO THE MANAGEMENT OF AUSTRALIAN RANGELANDS. *In: Vegetation Science Applications for Rangeland Analysis and Management. P. T. Tueller, editor.* p. 253-294. 1988. WR 213
[CSIRO, Dep. Anim. & Range Sci., N.M. State Univ., Las Cruces 88003-0003]

89-003222 Yair, Aaron and Moshe Shachak. STUDIES IN WATERSHED ECOLOGY OF AN ARID AREA. *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors.* p. 145-193. 1987. WR 213
[Ben-Gurion Univ. Negev, Sede Boqer Campus, Israel]

89-003223 Young, James A.; Raymond A. Evans and D. W. McKenzie. HISTORY OF BRUSH CONTROL ON WESTERN U.S. RANGELANDS. *In: Proceedings: Brush Management Symposium. Kirk C. McDaniel, editor.* p. 17-25. 1983. WR 213
[Agric. Res. Serv., U.S. Dep. Agric., 920 Valley Rd., Reno, NV 89512]

89-003224 Young, James A. and Raymond A. Evans. TECHNOLOGY FOR SEEDING ON SAGEBRUSH RANGELANDS. *U.S. Dep. Agric. Agric. Res. Serv.* ARS-50. p. 15-18. 1987. WR 213
[USDA/ARS, 920 Valley Rd., Reno, NV 89512]

FORESTS AND WILDLIFE

89-003225 Barbour, Michael G. COMMUNITY ECOLOGY AND DISTRIBUTION OF CALIFORNIA HARDWOOD FORESTS AND WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 18-25. 1987. WR 213
[Bot. Dep., Univ. Calif., Davis 95616]

89-003226 Bliss, John Caswell. MOTIVATIONS OF NONINDUSTRIAL PRIVATE FOREST MANAGERS: A QUALITATIVE APPROACH. *Ph.D. dissertation, Univ. Wis. (Madison)* 174p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2012. 1988. Order No. DA8810004. WR 213

89-003227 Cassells, D. S.; M. Bonell; D. A. Gilmour and P. S. Valentine. CONSERVATION AND MANAGEMENT OF AUSTRALIA'S TROPICAL RAINFORESTS: LOCAL REALITIES AND GLOBAL RESPONSIBILITIES. *Proc. Ecol. Soc. Aust.* 15:313-326. 1988. WR 213
[Dep. Ecosyst. Manage., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-003228 Chapman, J. D. MPITA NKHALANGO - A LOWLAND FOREST RELIC UNIQUE IN MALAWI. *Nyala* 12(1/2):3-26. 1988. WR 213
[c/o The Warden, Likhubula House, C.C.A.P., P.O. Box 111, Mulanje, Malawi]

89-003229 Jordan, Carl F. NUTRIENT CYCLING IN TROPICAL FOREST ECOSYSTEMS - PRINCIPLES AND THEIR APPLICATION IN MANAGEMENT AND CONSERVATION. *John Wiley & Sons* 190p. 1985. WR 213
[Inst. Ecol., Univ. Ga., Athens 30602]

89-003230 Jordan, Carl F., editor. AMAZONIAN RAIN FORESTS. ECOSYSTEM DISTURBANCE AND RECOVERY - CASE STUDIES OF ECOSYSTEM DYNAMICS UNDER A SPECTRUM OF LAND USE-INTENSITIES. *Ecol. Studies* No. 60. 133p. 1986. WR 213
[Inst. Ecol., Univ. Ga., Athens 30602]

89-003231 Jordan, Carl F. SHIFTING CULTIVATION. CASE STUDY NO. 1: SLASH AND BURN AGRICULTURE NEAR SAN CARLOS DE RIO NEGRO, VENEZUELA. *Ecol. Studies* No. 60. p. 9-23. 1986. WR 213
[Inst. Ecol., Univ. Ga., Athens 30602]

89-003232 Jordan, Carl F. INTRODUCTION - DEVELOPMENT AND DISTURBANCE IN AMAZON FORESTS. *Ecol. Studies* No. 60. p. 1-8. 1986. WR 213
[Inst. Ecol., Univ. Ga., Athens 30602]

89-003233 Kauffman, J. Boone and R. E. Martin. EFFECTS OF FIRE AND FIRE SUPPRESSION ON MORTALITY AND MODE OF REPRODUCTION OF CALIFORNIA BLACK OAK (*QUERCUS KELLOGGII* NEWB.). *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 122-126. 1987. WR 213
[Rangeland Resour., Oreg. State Univ., Corvallis 97331]

89-003234 Kimmins, J. P. FOREST ECOLOGY. *Macmillan Publ. Co.* 531p. 1987. WR 213
[Univ. British Columbia, Vancouver, BC, Canada]

89-003235 McKibben, Laurence A. and Walter C. Graves. MANAGING BLUE OAK FOR WILDLIFE BASED ON ACORN PRODUCTION. *U.S. For. Serv. Gen. Tech. Rep.* p. 227-229. 1987. WR 213
[Dep. Fish & Game, Sacramento, CA]

FORESTS AND WILDLIFE (CONTINUED)

89-003236 Ohmann, Janet L. and Kenneth E. Mayer. WILDLIFE HABITATS OF CALIFORNIA'S HARDWOOD FORESTS - LINKING EXTENSIVE INVENTORY DATA WITH HABITAT MODELS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 174-182. 1987. WR 213
[Pac. Northwest Res. Stn., U.S. For. Serv., Portland, OR]

89-003237 Olsen, M. and D. Lamb. RECOVERY OF SUBTROPICAL RAINFOREST FOLLOWING STORM DAMAGE. *Proc. Ecol. Soc. Aust.* 15:297-301. 1988. WR 213
[Bot. Dep., Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-003238 Perry, David A. and Jumanne Maghembe. ECOSYSTEM CONCEPTS AND CURRENT TRENDS IN FOREST MANAGEMENT: TIME FOR REAPPRAISAL. *For. Ecol. Manage.* 26(2):123-140. 1989. WR 213
[Dep. For. Sci., Oreg. State Univ., Corvallis 97331]

89-003239 Plumb, Timothy R. and Norman H. Pillsbury. PROCEEDINGS OF THE SYMPOSIUM ON MULTIPLE-USE MANAGEMENT OF CALIFORNIA'S HARDWOOD RESOURCES. NOVEMBER 12-14, 1986, SAN LUIS OBISPO, CALIFORNIA. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. 462p. 1987. WR 213
Selected papers included in this issue of *Wildlife Review*.

89-003240 Reed, Lois J. and Neil G. Sugihara. NORTHERN OAK WOODLANDS - ECOSYSTEM IN JEOPARDY OR IS IT ALREADY TOO LATE? *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 59-63. 1987. WR 213
[Redwood Natl. Park, Natl. Park Serv., Orick, CA 95555]

89-003241 Saulei, S. M. and M. D. Swaine. RAIN FOREST SEED DYNAMICS DURING SUCCESSION AT GOGOL, PAPUA NEW GUINEA. *J. Ecol.* 76(4):1133-1152. 1988. WR 213
[Dep. Biol., Univ. Papua New Guinea, Box 320, University P.O., Papua New Guniea]

89-003242 Soejarto, D. D. and N. R. Farnsworth. TROPICAL RAIN FORESTS: POTENTIAL SOURCE OF NEW DRUGS? *Perspect. Biol. Med.* 32(2):244-256. 1989. WR 213
[Field Mus. Nat. Hist., Chicago, IL 60605]

89-003243 Sugihara, Neil G. and Lois J. Reed. PRESCRIBED FIRE FOR RESTORATION AND MAINTENANCE OF BALD HILLS OAK WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 446-451. 1987. WR 213
[Redwood Natl. Park, P.O. Box 7, Orick, CA 95555]

89-003244 Taylor, Alan H. and Qin Zisheng. REGENERATION PATTERNS IN OLD-GROWTH *ABIES-BETULA* FORESTS IN THE WOLONG NATURAL RESERVE, SICHUAN, CHINA. *J. Ecol.* 76(4):1204-1218. 1988. WR 213
[Dep. Geogr., Univ. Md.-Baltimore County, Catonsville 21228]

89-003245 Ueki, Tatsuhito. [THE HISTORICAL STUDIES ON THE NATURAL FOREST MANAGEMENT SYSTEM IN THE NATIONAL FOREST OF HOKKAIDO: A CASE ANALYSIS OF THE MANAGEMENTS IN KITAMI DISTRICT.] *Res. Bull. Coll. Exp. For. Hokkaido Univ.* 46(1):15-81. 1989. In Japanese with English summ. WR 213
[Lab. For. Manage., Fac. Agric., Hokkaido Univ., Hokkaido, Japan]

89-003246 Unwin, G. L.; G. C. Stocker and K. D. Sanderson. FOREST SUCCESSIONS FOLLOWING EUROPEAN SETTLEMENT AND MINING IN THE ROSSVILLE AREA, NORTH QUEENSLAND. *Proc. Ecol. Soc. Aust.* 15:303-305. 1988. WR 213
[CSIRO, Trop. For. Res. Cent., Atherton, Qld. 4883, Australia]

FORESTS AND WILDLIFE (CONTINUED)

89-003247 Waring, Richard H. and William H. Schlesinger. FOREST ECOSYSTEMS CONCEPTS AND MANAGEMENT. *Academic Press, Inc.* 340p. 1985. WR 213
[Dep. For. Sci., Oreg. State Univ., Corvallis]

89-003248 Whitmore, T. C. and G. T. Prance, editors. BIOGEOGRAPHY AND QUATERNARY HISTORY IN TROPICAL AMERICA. *Oxford Monogr. Biogeogr.* No. 3. 214p. 1987. WR 213
[Dep. Plant Sci., Univ. Oxford, Oxford, England]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS INCLUDING HABITAT ALTERATIONS

89-003249 Abrams, Marc D. EFFECTS OF PRESCRIBED FIRE ON WOODY VEGETATION IN A GALLERY FOREST UNDERSTORY IN NORTHEASTERN KANSAS. *Trans. Kans. Acad. Sci.* 91(3-4):63-70. 1988. WR 213
[School For. Resour., Pa. State Univ., 4 Ferguson Bldg., University Park 16802]

89-003250 Akinsoji, Aderopo. POSTFIRE VEGETATION DYNAMICS IN A SAGEBRUSH STEPPE IN SOUTHEASTERN IDAHO, USA. *Vegetatio* 78(3):151-155. 1988. WR 213
[Dep. Biol. Sci., Univ. Lagos, Lagos, Nigeria]

89-003251 Bisbal E., Francisco J. [HUMAN IMPACT ON HABITAT IN VENEZUELA.] *Interciencia* 13(5):226-232. 1988. In Spanish. WR 213
[Serv. Nac. Fauna Silvestre, MARNR, Apdo. 184, Maracay, Estado Aragua, Venezuela]

89-003252 Bradshaw, A. D. THE RECLAMATION OF DERELICT LAND AND THE ECOLOGY OF ECOSYSTEMS. *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors.* p. 53-74. 1987. WR 213
[Dep. Bot., Univ. Liverpool, Liverpool L69 3BX, England]

89-003253 Esser, G. GLOBAL LAND-USE CHANGES FROM 1860 TO 1980 AND FUTURE PROJECTIONS TO 2500. *Ecol. Model.* 44(3/4):307-316. 1989. WR 213
[Gen. Ecol. Group, Sect. Biol./Chem., Univ. Osnabruck, Barbarastr. 11, P.O. Box 4469, D-4500 Osnabruck, West Germany]

89-003254 Fryer, G. I. and E. A. Johnson. RECONSTRUCTING FIRE BEHAVIOUR AND EFFECTS IN A SUBALPINE FOREST. *J. Appl. Ecol.* 25(3):1063-1072. 1988. WR 213
[Div. Ecol., Dep. Biol. Sci., Univ. Calgary, Calgary, AB, Canada T2N 1N4]

89-003255 Hecht, Susanna B.; Richard B. Norgaard and Giorgio Possio. THE ECONOMICS OF CATTLE RANCHING IN EASTERN AMAZONIA. *Interciencia* 13(5):233-240. 1988. WR 213
[Univ. Calif., Grad. School. Architecture & Urban Plan. AVOS, Los Angeles 90024-1467]

89-003256 Hench, John E. PREDICTING SOME EFFECTS OF LAND-USE CHANGES ON WILDLIFE. *Ph.D. dissertation, Univ. Md. (College Park)* 141p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3568. 1989. Order No. DA8827080. WR 213

89-003257 Jordan, William R. III; Michael E. Gilpin and John D. Aber, editors. RESTORATION ECOLOGY: A SYNTHETIC APPROACH TO ECOLOGICAL RESEARCH. *Cambridge Univ. Press* 342p. 1987. WR 213

ENVIRONMENTAL IMPACTS AND ASSESSMENTS INCLUDING HABITAT ALTERATIONS (CONTINUED)

89-003257 CONTINUED
[Univ. Wis., Madison 53711] Selected chapters indexed in this issue of *Wildlife Review*.

89-003258 Kahrom, Esmail. A STUDY OF THE EFFECTS OF AGRICULTURAL LAND IMPROVEMENT ON UPLAND BIRD POPULATIONS. *Ph.D. dissertation, Univ. Wales (United Kingdom)* 186p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2525. 1989. Order No. BRDX81878. WR 213
Data for 13 upland bird species.

89-003259 Lamprey, H. F. FIRE AND ITS USE IN MANIPULATING VEGETATION. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 165-175. 1986. WR 213
[UNESCO Regional Off., P.O. Box 30592, Nairobi, Kenya]

89-003260 Leatherman, S. P. and A. J. Steiner. AN ANNOTATED BIBLIOGRAPHY OF THE EFFECTS OF OFF-ROAD VEHICLE AND PEDESTRIAN TRAFFIC ON COASTAL ECOSYSTEMS. *Vance Bibliogr. Public Admin. Ser. Bibliogr.* P-2238. 70p. 1987. From Ecol. Abstr. 88/6:88L/8553. 1988. WR 213

89-003261 Leonard, Robert Michael. INTEGRATING RIPARIAN HABITAT-MANAGEMENT OBJECTIVES WITH LIVESTOCK GRAZING ON NATIONAL FOREST SYSTEM LANDS. *Ph.D. dissertation, Tex. Tech Univ.* 107p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2957. 1989. Order No. DA8819411. WR 213

89-003262 Machbub, Badruddin; Harvey F. Ludwig and D. Gunaratnam. ENVIRONMENTAL IMPACT FROM AGROCHEMICALS IN BALI (INDONESIA). *Environ. Monit. Assess.* 11(1):1-23. 1988. WR 213
[Div. Environ. & Water Quality, Inst. Hydraul. Eng., Bandung, Indonesia]

89-003263 Mangun, William R. A COMPARISON OF FIVE NORTHERN VIRGINIA WATERSHEDS IN CONTRASTING LAND USE PATTERNS. *J. Environ. Syst.* 18(2):133-151. 1988-89. WR 213
[Dep. Polit. Sci., East Carolina Univ., Greenville, NC]

89-003264 Milligan, Dorothy A. and Kenneth J. Raedeke. INCORPORATION OF A WETLAND INTO AN URBAN RESIDENTIAL DEVELOPMENT. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 162-171. 1986. WR 213
[Raedeke Assoc., 118 N. 41st St., Seattle, WA 98103]

89-003265 Moul, Robert L. ASSESSMENT OF MARINAS AND DREDGING PROJECTS. *Assoc. State Wetland Manage. Tech. Rep.* No. 1. p. 184-187. 1986. WR 213
[Field Serv. Sect., 7225 Wrightsville Ave., Wilmington, NC 28403]

89-003266 Mwalyosi, Raphael B. B. ENVIRONMENTAL IMPACTS OF THE PROPOSED STIEGLER'S GORGE HYDROPOWER PROJECT, TANZANIA. *Environ. Conserv.* 15(3):250-254. 1988. WR 213
[Inst. Resour. Assessment, Univ. Dar es Salaam, P.O. Box 35097, Dar es Salaam, Tanzania]

89-003267 Mwalyosi, Raphael B. B. ENVIRONMENTAL IMPACTS OF PHOSPHATE MINING IN TANZANIA. *Environ. Conserv.* 15(3):269-270. 1988. WR 213
[Inst. Resour. Assessment, Univ. Dar es Salaam, P.O. Box 35097, Dar es Salaam, Tanzania]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS INCLUDING HABITAT ALTERATIONS (CONTINUED)

89-003268 Parr, T. W. and J. M. Way. MANAGEMENT OF ROADSIDE VEGETATION: THE LONG-TERM EFFECTS OF CUTTING. *J. Appl. Ecol.* 25(3):1073-1087. 1988. WR 213
[NERC, Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon PE1 2LS, England]

89-003269 Pfluger, D. and P. Ingold. [RESPONSES OF COOTS (*FULICA ATRA*) AND GREAT CRESTED GREBES (*PODICEPS CRISTATUS*) TO HUMAN DISTURBANCES ORIGINATING FROM LAND AND WATERSIDE RESPECTIVELY.] *Rev. Suisse Zool.* 95(4):1171-1178. 1988. In German with English summ. WR 213
[Ethol. Stn. Hasli, Zool. Inst. Univ. Bern, Wohlenstr. 50a, 3032 Hinterkappelen/Bern, Switzerland]

89-003270 Press, A. J. COMPARISONS OF THE EXTENT OF FIRE IN DIFFERENT LAND MANAGEMENT SYSTEMS IN THE TOP END OF THE NORTHERN TERRITORY. *Proc. Ecol. Soc. Aust.* 15:167-175. 1988. WR 213
[Australian Natl. Parks & Wildl. Serv., Kakadu Natl. Park Headquarters, P.O. Box 71, Jabiru, N.T. 0886, Australia]

89-003271 Putman, R. J.; P. J. Edwards; J. C. E. Mann; R. C. How and S. D. Hill. VEGETATIONAL AND FAUNAL CHANGES IN AN AREA OF HEAVILY GRAZED WOODLAND FOLLOWING RELIEF OF GRAZING. *Biol. Conserv.* 47(1):13-32. 1989. WR 213
[Dep. Biol., Bldg. 44, The University, Southampton SO9 5NH, England]

89-003272 Sandercoe, C. S. AN AERIAL PHOTOGRAPHIC STUDY OF THE LONG-TERM EFFECT OF WILDFIRES ON MAGNETIC ISLAND. *Proc. Ecol. Soc. Aust.* 15:161-165. 1988. WR 213
[Queensland Natl. Parks & Wildl. Serv., P.O. Box 42, Kenmore, Qld. 4069, Australia]

89-003273 Simpson, Thomas A. BLASTING: ANOTHER ENVIRONMENTAL WOE. *Environ. Geol. Water Sci.* 13(2):129-135. 1989. WR 213
[Dep. Mineral Eng., Univ. Ala., Tuscaloosa 35486]

89-003274 Stenberg, Kathryn and William W. Shaw, editors. WILDLIFE CONSERVATION AND NEW RESIDENTIAL DEVELOPMENTS - PROCEEDINGS OF A NATIONAL SYMPOSIUM ON URBAN WILDLIFE 20-22 JANUARY 1986 TUCSON, ARIZONA. *Univ. Ariz. School. Renewable Resour.* 203p. 1986. Available at $10.00 from School Renewable Nat. Resour., Biol. Sci. E., Rm. 325, Tucson, AZ 85721. WR 213
Individual papers indexed in this issue of *Wildlife Review*.

89-003275 Unwin, G. L.; G. B. Applegate; G. C. Stocker and D. I. Nicholson. INITIAL EFFECTS OF TROPICAL CYCLONE 'WINIFRED' ON FORESTS IN NORTH QUEENSLAND. *Proc. Ecol. Soc. Aust.* 15:283-296. 1988. WR 213
[CSIRO Trop. For. Res. Cent., Atherton, Qld. 4883, Australia]

89-003276 Vora, Robin S. WATERSHED MANAGEMENT AND FORESTRY IN UPCOUNTRY MAUI, HAWAII. *Trans. West. Sect. Wildl. Soc.* 24:87-93. 1988. WR 213
[U.S. For. Serv., Inst. Pac. Islands For., Rm. 323, 1151 Punchbowl St., Honolulu, HI 96813]

MAMMALS--GENERAL

89-003277 Burbidge, Andrew A.; Ken A. Johnson; Phillip J. Fuller and R. I. Southgate. ABORIGINAL KNOWLEDGE OF THE MAMMALS OF THE CENTRAL DESERTS OF AUSTRALIA. *Aust. Wildl. Res.* 15(1):9-39. 1988. WR 213 OF AUSTRALIA. *Aust. Wildl. Res.* 15(1):9-39. 1988. WR 213

MAMMALS--GENERAL (CONTINUED)

89-003277 CONTINUED
[Dep. Conserv. & Land Manage., Western Australian Wildl. Res. Cent., P.O. Box 51, Wanneroo, W.A. 6065, Australia]

89-003278 Caughley, G. DYNAMICS OF LARGE MAMMALS AND THEIR RELEVANCE TO CULLING. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 115-126. 1983. WR 213
[Cent. Resour. Ecol., Univ. Witwatersrand, Johannesburg 2001, South Africa]

89-003279 de Vos, V.; R. G. Bengis and H. J. Coetzee. POPULATION CONTROL OF LARGE MAMMALS IN THE KRUGER NATIONAL PARK. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 213-232. 1983. WR 213
[Kruger Natl. Park, Private Bag X402, Skukuza 1350, South Africa] *Syncerus caffer, Loxodonta africana,* and *Hippopotamus amphibius* in South Africa.

89-003280 Kleiman, Devra G. REINTRODUCTION OF CAPTIVE MAMMALS FOR CONSERVATION. GUIDELINES FOR REINTRODUCING ENDANGERED SPECIES INTO THE WILD. *BioScience* 39(3):152-161. 1989. WR 213
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

89-003281 Lindroth, Richard L. MAMMALIAN HERBIVORE-PLANT INTERACTIONS. *In: Plant-Animal Interactions. Warren G. Abrahamson, editor.* p. 163-206. 1989. WR 213
[Dep. Entomol., Univ. Wis., 237 Russell Lab., 1630 Linden Dr., Madison 53706]

89-003282 Osakwe, M. E.; A. J. Meduna; E. E. Kigbu and P. D. Ishaya. MANAGEMENT OF PIGMY HIPPOPOTAMUS AND WEST AFRICAN MANATEE IN JOS WILDLIFE PARK. *Nigerian Field* 53(4):175-178. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria] *Choeropsis liberiensis* and *Trichechus senegalensis* in Nigeria.

89-003283 Rabenold, Kerry N. and William R. Bromer. PLANT COMMUNITIES AS ANIMAL HABITATS: EFFECTS OF PRIMARY RESOURCES ON THE DISTRIBUTION AND ABUNDANCES OF ANIMALS. *In: Plant-Animal Interactions. Warren G. Abrahamson, editor.* p. 291-353. 1989. WR 213
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907]

MAMMALS--TECHNIQUES

89-003284 Douglas, David C.; Jim C. Greslin and Larry F. Pank. SATELLITE TELEMETRY AND GEOGRAPHIC INFORMATION SYSTEMS: POWERFUL TOOLS FOR WILDLIFE RESEARCH AND MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 83-93. 1988. WR 213
[Fish & Wildl. Res. Cent., 1011 E. Tudor Rd., Anchorage, AK 99503] *Rangifer tarandus, Ursus maritimus, U. arctos, Ovibos moschatus, Ovis dalli, Alces alces, Canis lupus, Odobenus rosmarus, Odocoileus hemionus, Cervus elaphus,* and *Trichechus manatus.*

MAMMALS--TECHNIQUES (CONTINUED)

89-003285 Favata, Glenous. CARE OF INFANT ZOO MAMMALS. *Proc. SAVMA '85 Symp.* p. 190-191. 1985. WR 213
[Toledo Zoo, Toledo, OH]

89-003286 Hindmarsh, M. and N. H. Schuster. FORENSIC TECHIQUES FOR THE IDENTIFICATION OF VENISON AND OTHER MEATS TO ESTABLISH THE SPECIES OF ORIGIN. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 73-83. 1984. WR 213
[Vet. Res. Inst., Park Dr., Parkville, Vic. 3052, Australia]

89-003287 Hunter, Don O.; John E. Heasley; William B. White; Terry C. Daniel and Gregory J. Buhyoff. INTEGRATED INFORMATION TECHNOLOGY FOR NATURAL RESOURCE MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 109-120. 1988. WR 213
[U.S. Fish & Wildl. Serv., 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Cervus elaphus, Odocoileus hemionus,* and *Alces alces.*

89-003288 Norbury, Grant L. MICROSCOPIC ANALYSIS OF HERBIVORE DIETS - A PROBLEM AND A SOLUTION. *Aust. Wildl. Res.* 15(1):51-57. 1988. WR 213
[Agric. Protection Board, P.O. Box 522, Carnarvon, W.A. 6701, Australia]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS

89-003289 Barrett, Reginald H. MONITORING SMALL MAMMAL POPULATIONS IN OAK WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 223-226. 1987. WR 213
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

89-003290 Belovsky, G. E. OPTIMAL FORAGING AND COMMUNITY STRUCTURE: IMPLICATIONS FOR A GUILD OF GENERALIST GRASSLAND HERBIVORES. *Oecologia (Berl.)* 70(1):35-52. 1986. WR 213
[Univ. Mich., School Nat. Resour., Ann Arbor 48109-1115]

89-003291 Belovsky, G. E. and J. B. Slade. TIME BUDGETS OF GRASSLAND HERBIVORES: BODY SIZE SIMILARITIES. *Oecologia (Berl.)* 70(1):53-62. 1986. WR 213
[Univ. Mich., School Nat. Resour., Ann Arbor 48109-1115]

89-003292 Chakraborty, S. MAMMALS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 314-345. 1986. WR 213
[Zool. Surv. India, 8 Lindsay St., Calcutta-700 016, India]

89-003293 Dubis, Douglas; Rebecca A. Strait; Marion T. Jackson and John O. Whitaker, Jr. FLORISTICS AND EFFECTS OF BURNING ON VEGETATION AND SMALL MAMMAL POPULATIONS AT LITTLE BLUESTEM PRAIRIE NATURE PRESERVE. *Nat. Areas J.* 8(4):267-276. 1988. WR 213
[Dep. Life Sci., Indiana State Univ., Terre Haute 47809]

89-003294 Fritzell, Erik K. MAMMALS IN PRAIRIE WETLANDS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 268-301. 1989. WR 213
[School For., Fish. & Wildl., 112 Stephens Hall, Univ. Mo., Columbia 65211]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

89-003295 Iriarte, J. Agustin; Luis C. Contreras and Fabian M. Jaksic. A LONG-TERM STUDY OF A SMALL-MAMMAL ASSEMBLAGE IN THE CENTRAL CHILEAN MATORRAL. *J. Mammal*. 70(1):79-87. 1989. WR 213
[Cent. Latin Am. Studies, Univ. Fla., Gainesville 32611]

89-003296 Jones, J. Knox, Jr. and Elmer C. Birney. HANDBOOK OF MAMMALS OF THE NORTH-CENTRAL STATES. *Univ. Minn. Press* 346p. 1988. Available at $29.50 (cloth) or $15.95 (paper) from Univ. Minn. Press, 2037 University Ave., S.E., Minneapolis 55414. WR 213

89-003297 Kurup, G. U. MAMMAL-ZOOGEOGRAPHY OF INDIA. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 69-93. 1986. WR 213
[Zool. Surv. India, West. Ghat Regional Stn., Ernahipalam, Calicut 673 006, Kerala, India]

89-003298 Macdonald, I. A. W. and P. M. Brooks. MONITORING FOR THE DETECTION OF MAMMAL OVERABUNDANCE IN SMALL CONSERVATION AREAS. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor*. p. 187-200. 1983. WR 213
[Hluhluwe Game Reserve, P.O. Box 25, Mtubatuba 3935, South Africa]

89-003299 Mares, Michael A.; Janet K. Braun and D. Gettinger. OBSERVATIONS ON THE DISTRIBUTION AND ECOLOGY OF THE MAMMALS OF THE CERRADO GRASSLANDS OF CENTRAL BRAZIL. *Ann. Carnegie Mus*. 58(1-3):1-60. 1989. WR 213
[Mus. Nat. Hist. & Dep. Zool., Univ. Okla., Norman 73019]

89-003300 Patterson, Bruce D.; Peter L. Meserve and Brian K. Lang. DISTRIBUTION AND ABUNDANCE OF SMALL MAMMALS ALONG AN ELEVATIONAL TRANSECT IN TEMPERATE RAINFORESTS OF CHILE. *J. Mammal*. 70(1):67-78. 1989. WR 213
[Div. Mammals, Field Mus. Nat. Hist., Roosevelt Rd. at Lake Shore Dr., Chicago, IL 60605]

89-003301 Santillo, David J.; David M. Leslie, Jr. and Patrick W. Brown. RESPONSES OF SMALL MAMMALS AND HABITAT TO GLYPHOSATE APPLICATION ON CLEARCUTS. *J. Wildl. Manage*. 53(1):164-172. 1989. WR 213
[Leslie: Coop. Fish & Wildl. Res. Unit, Dep. Zool., Okla. State Univ., Stillwater 74078]

89-003302 Skrivan, P. and M. Andera. SMALL MAMMAL COMMUNITIES OF THE STREAM CORRIDORS IN AGROCENOSIS. *Ekologia (CSSR)* 6(2):129-146. 1987. From Ecol. Abstr. 88/5:88L/7066. 1988. WR 213

89-003303 Winter, J. W. ECOLOGICAL SPECIALIZATION OF MAMMALS IN AUSTRALIAN TROPICAL AND SUB-TROPICAL RAINFOREST: REFUGIAL OR ECOLOGICAL DETERMINISM? *Proc. Ecol. Soc. Aust*. 15:127-138. 1988. WR 213
[Queensland Natl. Parks & Wildl. Serv., Pallarenda, Townsville, Qld. 4810, Australia]

89-003304 Yalden, D. W. SMALL MAMMALS OF THE BALE MOUNTAINS, ETHIOPIA. *Afr. J. Ecol*. 26(4):281-294. 1988. In English with French summ. WR 213
[Dep. Environ. Biol., Univ. Manchester, Manchester M13 9PL, England]

MAMMALS--MORPHOLOGY AND PHYSIOLOGY

89-003305 Bauchau, V. NON-METRICAL VARIATION IN WILD MAMMALS: A BIBLIOGRAPHY. *Mammal Rev*. 18(4):195-200. 1988. WR 213
[Univ. Catholic Louvain, Unite Biol. Anim., Labo FYAD, 2 Place Croix du Sud, 1348 Louvain-la-Neuve, Belgium]

89-003306 Jarman, Peter J. ON BEING THICK-SKINNED: DERMAL SHIELDS IN LARGE MAMMALIAN HERBIVORES. *Biol. J. Linn. Soc.* 36(1/2):169-191. 1989. WR 213
[Dep. Ecosyst. Manage., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-003307 Pagel, Mark D. and Paul H. Harvey. THE TAXON-LEVEL PROBLEM IN THE EVOLUTION OF MAMMALIAN BRAIN SIZE: FACTS AND ARTIFACTS. *Am. Nat.* 132(3):344-359. 1988. WR 213
[Dep. Zool., Univ. Oxford, S. Parks Rd., Oxford OX1 3PS, England]

89-003308 Rusler, Renee Denise. FREQUENCY DISTRIBUTIONS OF MAMMALIAN BODY SIZE ANALYZED BY CONTINENT. *M.S. thesis, Univ. Ariz.* 43p. 1987. From Masters Abstr. Int. 26(4):401. 1988. Order No. MA1332483. WR 213

89-003309 Smith, Kathleen K. and William M. Kier. TRUNKS, TONGUES, AND TENTACLES: MOVING WITH SKELETONS OF MUSCLE. *Am. Sci.* 77(1):29-35. 1989. WR 213
[Dep. Biol. Anthropol. & Anat., Duke Univ. Med. Cent., Durham, NC 27710]

MAMMALS--BEHAVIOR

89-003310 Butet, A.; J. L. Chapuis and J. C. Lefeuvre. [THE DIET OF THE EUROPEAN WILD RABBIT *ORYCTOLAGUS CUNICULUS* AND THE WOOD MOUSE *APODEMUS SYLVATICUS* IN A BRETON HEATHLAND. A COMPARISON.] *Rev. Ecol. Terre Vie* 44(1):15-31. 1989. In French with English summ. WR 213
[Univ. Rennes I, Ave. General Le clerc, F-35042 Rennes, Cedex, France]

89-003311 Durant, S. M.; T. M. Caro; D. A. Collins; R. M. Alawi and C. D. Fitzgibbon. MIGRATION PATTERNS OF THOMSON'S GAZELLES AND CHEETAHS ON THE SERENGETI PLAINS. *Afr. J. Ecol.* 26(4):257-268. 1988. In English with French summ. WR 213
[Caro: Evol. & Human Behav. Program, Rackham Bldg., Univ. Mich., Ann Arbor 48109-1070] *Gazella thomsoni* and *Acinonyx jubatus* in Tanzania.

89-003312 Waser, Peter M. RESOURCES, PHILOPATRY, AND SOCIAL INTERACTIONS AMONG MAMMALS. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 109-130. 1988. WR 213
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907]

MAMMALS--PESTICIDES AND POLLUTION

89-003313 Bloch, Dorete; Aki Davidsen and Inge Kraul. MERCURY AND PERSISTENT ORGANO-CHLORINES CONTAMINATION IN THE MARINE ENVIRONMENT OF THE FAROE ISLANDS. *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[Mus. Nat. Hist., FR-100, Torshavn, Faeroe Islands]

MAMMALS--PESTICIDES AND POLLUTION (CONTINUED)

89-003314 Brody, Allan Joseph. POPULATION DYNAMICS OF CALIFORNIA SEA OTTERS AND A MODEL FOR THE RISK OF OIL SPILLS. *Ph.D. dissertation, Univ. Minn.* 188p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2543. 1989. Order No. DA8815267. WR 213
Enhydra lutris.

89-003315 Clawson, Richard L. and Donald R. Clark, Jr. PESTICIDE CONTAMINATION OF ENDANGERED GRAY BATS AND THEIR FOOD BASE IN BOONE COUNTY, MISSOURI, 1982. *Bull. Environ. Contam. Toxicol.* 42(3):431-437. 1989. WR 213
[Dep. Conserv., Fish & Wildl. Res. Cent., 1110 S. College Ave., Columbia, MO 65201] *Myotis grisescens.*

89-003316 Cristaldi, M.; L. A. Ieradi; S. Paradisi and M. Tommasi. RODENTS AS BIOLOGICAL INDICATORS OF ENVIRONMENTAL IMPACT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 93-105. 1986. WR 213
[Dep. Human & Anim. Biol., Univ. Rome "La Sapienza", Rome, Italy] *Mus musculus, Apodemus sylvaticus, Rattus rattus,* and *R. norvegicus* in Italy.

89-003317 Cummins, Joseph E. EXTINCTION: THE PCB THREAT TO MARINE MAMMALS. *Ecologist* 18(6):193-195. 1988. WR 213
[Dep. Plant Sci., Univ. West. Ontario, London, ON, Canada N6A 5B7]

89-003318 Gerken, Diane. RODENTICIDE POISONING IN SMALL ANIMALS. *Proc. SAVMA '85 Symp.* p. 263-267. 1985. WR 213
[Coll. Vet. Med., Ohio State Univ., Columbus]

89-003319 Jaghabir, M. T. W.; A. A. Abdelghani and A. C. Anderson. HISTOPATHOLOGICAL EFFECTS OF MONOSODIUM METHANEARSONATE (MSMA) ON NEW ZEALAND WHITE RABBITS *(ORYCTOLAGUS CUNICULUS)*. *Bull. Environ. Contam. Toxicol.* 42(2):289-293. 1989. WR 213
[Abdelghani: Tulane Univ., 1430 Tulane Ave., New Orleans, LA 70112]

89-003320 Kastner, Michael; Thomas Schulz-Schalge and Diether Neubert. PURIFICATION AND PROPERTIES OF CYTOCHROME P-450 FROM LIVER MICROSOMES OF PHENOBARBITAL-TREATED MARMOSET MONKEYS *(CALLITHRIX JACCHUS)*. *Toxicol. Lett. (Amst.)* 45(2/3):261-270. 1989. WR 213
[Inst. Toxicol. & Embryopharmacol., Free Univ. Berlin, Garystr. 5, 1000 Berlin 33, West Germany]

89-003321 Mason, C. F. and S. M. Macdonald. METAL CONTAMINATION IN MOSSES AND OTTER DISTRIBUTION IN A RURAL WELSH RIVER RECEIVING MINE DRAINAGE. *Chemosphere* 17(6):1159-1166. 1988. WR 213
[Dep. Biol., Univ. Essex, Wivenhoe Park, Colchester C04 3SQ, England]

89-003322 Skaren, Uolevi. CHLORINATED HYDROCARBONS, PCBs AND CESIUM ISOTOPES IN OTTERS (*LUTRA LUTRA* L.) FROM CENTRAL FINLAND. *Ann. Zool. Fenn.* 25(4):271-276. 1988. WR 213
[Kp 2/82, SF-74300 Sonkajarvi, Finland]

MAMMALS--PARASITES AND DISEASES

89-003323 Graves, S. R.; S. A. Kennelly-Merrit; C. R. Tidemann; P. A. Rawlinson; K. J. Harvey and I. W. B. Thornton. ANTIBIOTIC-RESISTANCE PATTERNS OF ENTERIC BACTERIA OF WILD MAMMALS ON THE KRAKATAU ISLANDS AND WEST JAVA, INDONESIA. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 322(1211):339-353. 1988. WR 213
[Dep. Microbiol., La Trobe Univ., Bundoora, Vic. 3083, Australia]

89-003324 Hunter, Pamela; J. R. B. Flamand; J. Myburgh and Sanette M. van der Merwe. SEROLOGICAL REACTIONS TO *LEPTOSPIRA* SPECIES IN GAME ANIMALS OF NORTHERN NATAL. *Onderstepoort J. Vet. Res.* 55(3):191-192. 1988. WR 213
[Vet. Res. Inst., Onderstepoort 0110, South Africa] Data for 12 spp.

89-003325 Lourenco-De-Oliveira, Ricardo. [HEMOPARASITES FOUND IN CERTAIN MAMMALS OF BALBINA, STATE OF AMAZONAS.] *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:PZ-59. 1988. Portuguese abstract only. WR 213
[Dep. Entomol., Inst. Oswaldo Cruz, C.P. 926, Rio de Janeiro, Brazil]

89-003326 MacPherson, Calum N. L. ECHINOCOCCUS INFECTIONS IN WILD ANIMALS IN AFRICA. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor.* p. 73-79. 1986. WR 213
[Turkana Rural Health & Res. Scheme, African Med. & Res. Found., P.O. Box 30125, Nairobi, Kenya]

89-003327 Mimori, Tatsuyuki; Gabriel Grimaldi, Jr.; Richard D. Kreutzer; Eduardo A. Gomez; Diane McMahon-Pratt; Robert B. Tesh and Yoshihisa Hashiguchi. IDENTIFICATION, USING ISOENZYME ELECTROPHORESIS AND MONOCLONAL ANTIBODIES, OF *LEISHMANIA* ISOLATED FROM HUMANS AND WILD ANIMALS OF ECUADOR. *Am. J. Trop. Med. Hyg.* 40(2):154-158. 1989. WR 213
[Dep. Parasitic Dis., Kumamoto Univ. Med. School, Kumamoto, Japan] *Potos flavus, Sciurus vulgaris,* and *Tamandua tetradactyla.*

89-003328 Shaw, Jeffrey J. ANIMAL RESERVOIRS OF *LEISHMANIA* IN DIFFERENT ECOLOGICAL SITUATIONS AND THEIR IMPORTANCE IN THE EPIDEMIOLOGY OF THE DISEASE. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:486-490. 1988. WR 213
[Wellcome Parasitol. Unit, Inst. Evandro Chagas, Belem, Para, Brazil]

89-003329 Valette, E.; S. F. Breniere; F. Le Pont and P. Desjeux. ZYMODEMES OF *TRYPANOSOMA CRUZI* ISOLATED FROM WILD MAMMALS IN BOLIVIA. *Mem. Inst. Oswaldo Cruz Rio de J.* 83(1):139-140. 1988. WR 213
[IBBA-ORSTOM, Embajada Francia, Casilla 824, La Paz, Bolivia]

89-003330 White, M. R.; W. L. Chapman, Jr. and W. L. Hanson. A COMPARISON OF EXPERIMENTAL VISCERAL LEISHMANIASIS IN THE OPOSSUM, ARMADILLO AND FERRET. *Lab. Anim. Sci.* 39(1):47-50. 1989. WR 213
[Dep. Pathol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Didelphis virginiana, Dasypus novemcinctus,* and *Mustela putorius furo.*

89-003331 White, Melvin Randall. EXPERIMENTAL VISCERAL LEISHMANIASIS IN THE OPOSSUM WITH SUSCEPTIBILITY STUDIES IN THE ARMADILLO AND FERRET. *Ph.D. dissertation, Univ. Ga.* 179p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3626. 1989. Order No. DA8823863. WR 213
Didelphis virginiana, Dasypus novemcinctus, and *Mustela putorius.*

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

89-003332 Bergerud, A. T. and W. B. Ballard. WOLF PREDATION ON THE NELCHINA CARIBOU HERD: A REPLY. *J. Wildl. Manage.* 53(1):251-259. 1989. WR 213
[Biol. Dep., Univ. Victoria, Victoria, BC, Canada V8W 2Y2] *Canis lupus* and *Rangifer tarandus* in Alaska.

89-003333 Brodie, James. MAMMALIAN PREDATION ON NORWAY RATS (*RATTUS NORVEGICUS*) LIVING IN A RURAL ENVIRONMENT. *J. Zool. (Lond.)* 216(4):582-583. 1988. WR 213
[Dep. Agric. & Fish., Agric. Sci. Serv., East Craigs, Edinburgh EH12 8NJ, Scotland] *Mustela nivalis, M. erminea, Canis familiaris, Vulpes vulpes*, and *Felis catus* in Scotland.

89-003334 Fechtel, Linda S. and Bonnie L. Lamvermeyer. COYOTE/DOG DAMAGE TO OHIO LIVESTOCK. *Ohio J. Sci.* 89(2):3. 1989. Abstract only. WR 213
[Dep. Biol., Denison Univ., Granville, OH 43023] *Canis familiaris* and *C. latrans*.

89-003335 Grossman, Mark R. and J. M. Bowen. CHOLECALCIFEROL. *Ga. Vet.* 41(1):16. 1989. WR 213
[Coll. Vet. Med., Univ. Ga., Athens]

89-003336 Guy, Pamela D. and J. M. Bowen. ANTICOAGULANT RODENTICIDES. *Ga. Vet.* 41(2):8. 1989. WR 213
[Coll. Vet. Med., Univ. Ga., Athens]

89-003337 Nass, Roger D. and John Theade. ELECTRIC FENCES FOR REDUCING SHEEP LOSSES TO PREDATORS. *J. Range Manage.* 41(3):251-252. 1988. WR 213
[Predator Res. Stn., P.O. Box 593, Twin Falls, ID 83303-0593]

89-003338 Nesvadbova, Jirina. DAMAGE DONE BY GAME TO ORCHARD PEACH TREES. *Folia Zool.* 37(3):207-217. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-003339 Reynolds, Harry V. III and Gerald W. Garner. PATTERNS OF GRIZZLY BEAR PREDATION ON CARIBOU IN NORTHERN ALASKA. *Int. Conf. Bear Res. Manage.* 7:59-67. 1987. WR 213
[Dep. Fish & Game, 1300 College Rd., Fairbanks, AK 99701] *Rangifer tarandus* and *Ursus arctos*.

89-003340 Saarenmaa, Hannu. MODEL-BASED REASONING IN ECOLOGY AND NATURAL RESOURCE MANAGEMENT. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 141-157. 1988. WR 213
[Finnish For. Res. Inst., Unioninkatu 40A, 00170 Helsinki, Finland] *Alces alces*.

89-003341 Van Ballenberghe, V. WOLF PREDATION ON THE NELCHINA CARIBOU HERD: A COMMENT. *J. Wildl. Manage.* 53(1):243-250. 1989. WR 213
[210 E. Ninth Ave., Suite 206, Anchorage, AK 99501] *Rangifer tarandus* and *Canis lupus* in Alaska.

89-003342 Wing, John F.; Michael A. Quan and Amy J. Wing. CORRELATIONS BETWEEN SPRING PRECIPITATION, TREE-RING GROWTH, AND HARE (*LEPUS AMERICANUS*) AND LYNX (*LYNX CANADENSIS*) POPULATION CYCLES IN ONTARIO.

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

89-003342 CONTINUED *Ohio J. Sci.* 89(2):43. 1989. Abstract only. WR 213
[Dep. Psychol., Wittenberg Univ., Springfield, OH 45501]

MARSUPIALS

89-003343 Baggott, L. M. and H. D. M. Moore. EARLY EMBRYONIC DEVELOPMENT OF THE GREY, SHORT-TAILED OPOSSUM, *MONODELPHIS DOMESTICA*. *J. Reprod. Fertil. Abstr. Ser.* 2:24. 1988. Abstract only. WR 213
[Inst. Zool., Regent's Park, London NW1 4RY, England]

89-003344 Brinklow, B. R. and A. S. I. Loudon. EFFECT OF EXOGENOUS PROLACTIN AND BROMOCRIPTINE ON SEASONAL REPRODUCTIVE QUIESCENCE IN THE BENNETT'S WALLABY (*MACROPUS RUFOGRISEUS RUFOGRISEUS*). *J. Endocrinol.* 120(2):189-193. 1989. WR 213
[MRC/AFRC Comp. Physiol. Res. Group, Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-003345 Carlisle, C. H.; A. S. Brown; L. J. Filippich; K. Reynolds and W. T. Reynolds. INTRAVENOUS UROGRAPHY IN THE KOALA (*PHASCOLARCTOS CINEREUS*). *Vet. Radiol.* 30(1):34-40. 1989. WR 213
[Dep. Companion Anim. Med. & Surgery, Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-003346 Dubey, J. P.; J. Ott-Joslin; R. W. Torgerson; M. J. Topper and J. P. Sundberg. TOXOPLASMOSIS IN BLACK-FACED KANGAROOS (*MACROPUS FULIGINOSUS MELANOPS*). *Vet. Parasitol.* 30(2):97-105. 1988. WR 213
[Protozoan Dis. Lab., Anim. Parasitol. Inst., Agric. Res. Serv., Beltsville, MD 20705]

89-003347 Fernandes, A. J.; A. J. Romanha; J. C. P. Dias and E. Chiari. ISOENZYME CHARACTERIZATION OF *TRYPANOSOMA CRUZI* STRAINS ISOLATED FROM *DIDELPHIS ALBIVENTRIS* IN BAMBUI, MG. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-51. 1988. Abstract only. WR 213
[Cent. Pesquisas Rene Rachou, FIOCRUZ, C.P. 1743, 30190 Belo Horizonte, Brazil]

89-003348 Gardner, Alfred L. and G. Ken Creighton. A NEW GENERIC NAME FOR TATE'S (1933) *MICROTARSUS* GROUP OF SOUTH AMERICAN MOUSE OPOSSUMS (MARSUPIALIA: DIDELPHIDAE). *Proc. Biol. Soc. Wash.* 102(1):3-7. 1989. WR 213
[Biol. Survey Field Stn., Nat. Ecol. Res. Cent., U.S. Fish & Wildl. Serv., Nat. Mus. Natl. Hist., Washington, DC 20560]

89-003349 Hindell, Mark A. and Anthony K. Lee. TREE USE BY INDIVIDUAL KOALAS IN A NATURAL FOREST. *Aust. Wildl. Res.* 15(1):1-7. 1988. WR 213
[Dep. Zool., Monash Univ., Clayton, Vic. 3168, Australia] *Phascolarctos cinereus.*

89-003350 Jansen, A. M.; L. L. Leon; G. M. C. Machado; S. M. Souza-Leao and M. P. Deane. DIFFERENT STRAINS OF *T. CRUZI* ARE RECOGNIZED BY OPOSSUM *D. MARSUPIALIS* SERA. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-46. 1988. Abstract only. WR 213
[Dep. Protozool., Inst. Oswaldo Cruz, Rio de Janeiro, Brazil]

MARSUPIALS (CONTINUED)

89-003351 Jansen, Ana Maria. ASPECTS OF SUCCESSFUL HOST-PARASITE ASSOCIATION: OPOSSUM AND *TRYPANOSOMA CRUZI*. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:491-496. 1988. WR 213
[Dep. Protozool., Inst. Oswaldo Cruz, C.P. 926, 20010 Rio de Janeiro, Brazil] *Didelphis marsupialis*.

89-003352 Johnson, Christopher N. MORTALITY OF IMMATURE RED-NECKED WALLABIES. *J. Mammal*. 70(1):202-204. 1989. WR 213
[Queensland Natl. Parks & Wildl. Serv., Cent. Region, P.O. Box 1395, Rockhampton, Qld. 4700, Australia] *Macropus rufogriseus banksianus*.

89-003353 Johnson, Christopher N. GROUPING AND THE STRUCTURE OF ASSOCIATION IN THE RED-NECKED WALLABY. *J. Mammal*. 70(1):18-26. 1989. WR 213
[Queensland Natl. Parks & Wildl. Serv., Cent. Region, P.O. Box 1395, Rockhampton, Qld. 4700, Australia] *Macropus rufogriseus banksianus* in Australia.

89-003354 Joschko, Marion A. and Ken J. Sanderson. CORTICO-CORTICAL CONNECTIONS OF THE MOTOR CORTEX IN THE BRUSHTAILED POSSUM (*TRICHOSURUS VULPECULA*). *J. Anat*. 150:31-42. 1987. WR 213
[School Biol. Sci., Flinders Univ. South Australia, Bedford Park, S.A. 5042, Australia]

89-003355 Kelt, Douglas A. and David R. Martinez. NOTES ON DISTRIBUTION AND ECOLOGY OF TWO MARSUPIALS ENDEMIC TO THE VALDIVIAN FORESTS OF SOUTHERN SOUTH AMERICA. *J. Mammal*. 70(1):220-224. 1989. WR 213
[Dep. Biol. Sci., North. Ill. Univ., DeKalb 60115] *Rhyncholestes raphanurus* and *Dromiciops australis*.

89-003356 Lenzi, H. L.; J. C. A. Carreira and M. P. Deane. HISTOPATHOLOGICAL STUDY OF *DIDELPHIS MARSUPIALIS* NATURALLY INFECTED BY *TRYPANOSOMA CRUZI*. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-61. 1988. Abstract only. WR 213
[Inst. Oswaldo Cruz, FIOCRUZ, C.P. 926, 20010 Rio de Janeiro, Brazil]

89-003357 Marzochi, M. C. A.; G. P. Lima-Santos; C. S. Ponte; C. M. Marques-Brito and M. C. Ferreira-Silva. EXPERIMENTAL INFECTION OF RODENT AND TRIATOMINE WITH *TRYPANOSOMA (MEGATRYPANUM)* ISOLATED FROM *DIDELPHIS MARSUPIALIS*. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-45. 1988. Abstract only. WR 213
[Dep. Cienc. Biol. (ENSP), FIOCRUZ, C.P. 926, Rio de Janeiro, Brazil]

89-003358 Menkhorst, P. W.; B. W. Weavers and J. S. A. Alexander. DISTRIBUTION, HABITAT AND CONSERVATION STATUS OF THE SQUIRREL GLIDER *PETAURUS NORFOLCENSIS* (PETAURIDAE: MARSUPIALIA) IN VICTORIA. *Aust. Wildl. Res*. 15(1):59-71. 1988. WR 213
[Arthur Rylah Inst. Environ. Res., Natl. Parks & Wildl. Div., Dep. Conserv. For. & Lands, P.O. Box 137, Heidelberg, Vic. 3084, Australia]

89-003359 Perret, M. and M. Atramentowicz. PLASMA CONCENTRATIONS OF PROGESTERONE AND TESTOSTERONE IN CAPTIVE WOOLLY OPOSSUMS (*CALUROMYS PHILANDER*). *J. Reprod. Fertil*. 85(1):31-41. 1989. WR 213
[CNRS UA 1183, M.N.H.N. Lab. Ecol. Gen., 4 Ave. Petit Chateau, F91800 Brunoy, France]

MARSUPIALS (CONTINUED)

89-003360 Renfree, M. B. and R. V. Short. SEX DETERMINATION IN MARSUPIALS: EVIDENCE FOR A MARSUPIAL-EUTHERIAN DICHOTOMY. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 322(1208):41-53. 1988. WR 213
[Dep. Anat. & Physiol., Monash Univ., Melbourne, Vic. 3168, Australia] *Didelphis virginiana* and *Macropus eugenii*.

89-003361 Rodrigues, V. L. C. C. and A. N. Ferraz Filho. THE MARSUPIAL, *DIDELPHIS ALBIVENTRIS* LUND, 1841 IN CAPTIVITY, I-HOUSING. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-47. 1988. Abstract only. WR 213
[Control de Endemias, Rua Afonso Pessine 86, Moji Guacu, Sao Paulo, Brazil]

89-003362 Rothwell, J. T.; P. J. Canfield and C. R. Wilks. DEATH DUE TO A PROBABLE HERPESVIRUS INFECTION IN A COMMON WOMBAT (*VOMBATUS URSINUS*). *Aust. Vet. J.* 65(11):360-361. 1988. WR 213
[Dep. Agric., Regional Vet. Lab., Glenfield, N.S.W. 2167, Australia]

89-003363 Shah, S. K. H. and S. C. Nicol. CEPHALIC VASCULATURE AND DISTRIBUTION OF BLOOD FLOW THROUGH THE CRANIAL ARTERIAL CIRCLE OF THE TASMANIAN DEVIL, *SARCOPHILUS HARRISII*. *J. Mammal.* 70(1):123-131. 1989. WR 213
[Dep. Physiol. & Anat., Univ. Tasmania, Hobart, Tasm. 7001, Australia]

89-003364 Shepherd, N. C.; P. R. Hopwood and P. L. Dostine. CAPTURE MYOPATHY: TWO TECHNIQUES FOR ESTIMATING ITS PREVALENCE AND SEVERITY IN RED KANGAROOS, *MACROPUS RUFUS*. *Aust. Wildl. Res.* 15(1):83-90. 1988. WR 213
[Agric. & Fish., P.O. Box K220, Haymarket, N.S.W. 2000, Australia]

89-003365 Sherlock, I. A.; J. C. Miranda; M. Sadigursky and G. Grimaldi, Jr. EXPERIMENTAL INFECTION OF THE OPPOSUM *DIDELPHIS ALBIVENTRIS* (MARSUPIALIA, DIDELPHIDAE) WITH *LEISHMANIA DONOVANI*. *Mem. Inst. Oswaldo Cruz Rio de J.* 83(1):141. 1988. WR 213
[Cent. Pesquisas Goncalo Moniz, FIOCRUZ, Rua Valdemar Falcao 121, Brotas, 41945 Salvador, BA, Brazil]

89-003366 Springer, Mark Stanley. THE PHYLOGENY OF DIPROTODONTIAN MARSUPIALS BASED ON SINGLE-COPY NUCLEAR DNA-DNA HYBRIDIZATION AND CRANIODENTAL ANATOMY. *Ph.D. dissertation, Univ. Calif. (Riverside)* 521p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3558. 1989. Order No. DA8825612. WR 213

89-003367 Steindel, Mario; Afonso F. Scholz; Helena K. Toma and Bruno R. Schlemper, Jr. PRESENCE OF *TRYPANOSOMA CRUZI* IN THE ANAL GLANDS OF NATURALLY INFECTED OPOSSUM (*DIDELPHIS MARSUPIALIS*) IN THE STATE OF SANTA CATARINA, BRAZIL. *Mem. Inst. Oswaldo Cruz Rio de J.* 83(1):135-137. 1988. WR 213
[Dep. Microbiol. & Parsitol., Univ. Fed. Santa Catarina (UFSC), Caixa Postal 476, 88049 Florianopolis, SC, Brazil]

89-003368 Steindel, Mario; Carlos J. C. Pinto and Helena Keiko Toma. DEVELOPMENT OF *TRYPANOSOMA CRUZI* IN THE ANAL GLANDS OF EXPERIMENTALLY INFECTED *LUTREOLINA CRASSICAUDATA* (MARSUPIALIS. DIDELPHIDAE). *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:VE-18. 1988. Abstract only. WR 213
[Dep. Microbiol. & Parasitol., UFSC, C.P. 476, 88.049 Florianopolis, Brazil]

MARSUPIALS (CONTINUED)

89-003369 Todhunter, R. and R. T. Gemmell. SEASONAL CHANGES IN THE REPRODUCTIVE TRACT OF THE MALE MARSUPIAL BANDICOOT, *ISOODON MACROURUS*. *J. Anat*. 154:173-186. 1987. WR 213
[Dep. Anat., Univ. Queensland, St. Lucia, Brisbane, Qld. 4067, Australia]

89-003370 White, M. R.; W. L. Chapman, Jr. and W. L. Hanson. CHEMOTHERAPY OF EXPERIMENTAL VISCERAL LEISHMANIASIS IN THE OPOSSUM. *J. Parasitol*. 75(1):176-178. 1989. WR 213
[Dep. Pathol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Didelphis virginiana*.

89-003371 Yamada, J.; K. C. Richardson and R. D. Wooller. AN IMMUNOHISTOCHEMICAL STUDY OF GASTROINTESTINAL ENDOCRINE CELLS IN A NECTARIVOROUS MARSUPIAL, THE HONEY POSSUM (*TARSIPES ROSTRATUS*). *J. Anat*. 162:157-168. 1989. WR 213
[Wooller: Biol. Sci., Murdoch Univ., W.A. 6150, Australia]

MOLES, SHREWS, AND OTHER INSECTIVORES

89-003372 Catalan, J.; F. Poitevin; R. Fons; S. Guerasimov and H. Croset. [EVOLUTIVE BIOLOGY OF WEST-EUROPEAN POPULATIONS OF CROCIDURES (MAMMALIA, INSECTIVORA). III. GENETIC STRUCTURE OF CONTINENTAL AND INSULAR POPULATIONS OF *CROCIDURA RUSSULA* (HERMANN, 1780) AND *CROCIDURA SUAVEOLENS* (PALLAS, 1811).] *Mammalia* 52(3):387-400. 1988. In French with English summ. WR 213
[Inst. Sci. Evol., CNRS UA 327, Univ. Sci. & Tech. Languedoc, Place Eugene Bataillon, 34060 Montpellier Cedex, France]

89-003373 Forsman, K. A. and M. G. Malmquist. EVIDENCE FOR ECHOLOCATION IN THE COMMON SHREW, *SOREX ARANEUS*. *J. Zool. (Lond.)* 216(4):655-662. 1988. WR 213
[Dep. Zool.., Univ. Uppsala, Box 561, S-751 22 Uppsala, Sweden]

89-003374 Genoud, M. ENERGETIC STRATEGIES OF SHREWS: ECOLOGICAL CONSTRAINTS AND EVOLUTIONARY IMPLICATIONS. *Mammal Rev*. 18(4):173-193. 1988. WR 213
[Inst. Zool. & Ecol. Anim., Univ. Lausanne, 1015 Lausanne, Switzerland]

89-003375 Getz, Lowell L. A 14-YEAR STUDY OF *BLARINA BREVICAUDA* POPULATIONS IN EAST-CENTRAL ILLINOIS. *J. Mammal*. 70(1):58-66. 1989. WR 213
[Dep. Ecol., Ethol., & Evol., Univ. Ill., Urbana 61801]

89-003376 Gienc, Jan; Tadeusz Kuder and Aleksander Szczurkowski. PARASYMPATHETIC GANGLIA IN THE HEAD OF WESTERN HEDGEHOG (*ERINACEUS EUROPAEUS*). I. OTIC GANGLION. *Acta Theriol*. 33(10):115-120. 1988. In English with Polish summ. WR 213
[Dep. Anat., Inst. Biol., Pedagog. Coll., Rew. Pazdziernikowej Str. 33, 25-518 Kielce, Poland]

89-003377 Larochelle, R. and G. Baron. [OLFACTORY DISCRIMINATION OF DIFFERENT ODORS IN THE SHORT-TAILED SHREW (*BLARINA BREVICAUDA*).] *Nat. Can. (Que.)* 113(3):251-256. 1986. In French with English summ. WR 213
[Dep. Sci. Biol., Univ. Montreal, Montreal, PQ, Canada H3C 3J7]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

89-003378 Lopez-Fuster, Ma. Jose; Joaquim Gosalbez and Sara Lluch. CHARACTERISTICS OF THE REPRODUCTIVE CYCLE OF THE MOLE, *TALPA EUROPAEA*, IN THE NORTHEAST OF THE IBERIAN PENINSULA. *Acta Theriol*. 33(11):131-137. 1988. WR 213
[Dep. Biol. Anim., Fac. Biol., Univ. Barcelona, Avgda. Diagonal 645, 08028-Barcelona, Spain]

89-003379 Majeed, S. K.; P. A. Morris and J. E. Cooper. OCCURRENCE OF THE LUNGWORMS *CAPILLARIA* AND *CRENOSOMA* SPP. IN BRITISH HEDGEHOGS (*ERINACEUS EUROPAEUS*). *J. Comp. Pathol*. 100(1):27-36. 1989. WR 213
[Huntingdon Res. Cent., Huntingdon, Cambridgeshire PE18 6ES, England]

89-003380 Nagel, Alfred. DEVELOPMENT OF TEMPERATURE REGULATION IN THE COMMON WHITE-TOOTHED SHREW, *CROCIDURA RUSSULA*. *Comp. Biochem. Physiol. A Comp. Physiol*. 92(3):409-413. 1989. WR 213
[AG Stoffwechselphysiol., Zool. Inst., Univ. Frankfurt, Siesmayerstr. 70, D-6000 Frankfurt/Main, West Germany]

89-003381 Okaeme, A. N.; O. A. Okeyoyin; J. O. Ayanda and M. E. Osakwe. HABITAT AND UTILISATION OF THE AFRICAN HEDGEHOG IN THE KAINJI LAKE AREA. *Nigerian Field* 53(4):179-182. 1988. WR 213
[Kainji Lake Res. Inst., New Bussa, Nigeria] *Erinaceus albiventris* in Nigeria.

89-003382 Pagels, John F. and Charles O. Handley, Jr. DISTRIBUTION OF THE SOUTHEASTERN SHREW, *SOREX LONGIROSTRIS* BACHMAN, IN WESTERN VIRGINIA. *Brimleyana* No. 15. p. 123-131. 1989. WR 213
[Dep. Biol., Va. Commonwealth Univ., Richmond 23284]

89-003383 Santamarina, Jesus and Jose Guitian. [SOME DATA ON THE FEEDING OF THE PYRENEAN DESMAN (*GALEMYS PYRENAICUS*) IN NORTH-WEST SPAIN.] *Mammalia* 52(3):301-307. 1988. In French with English summ. WR 213
[Ecol. Fac. Biol., Univ. St.-Jacques Compostelle, Spain]

89-003384 Sparti, Andrea and Michel Genoud. BASAL RATE OF METABOLISM AND TEMPERATURE REGULATION IN *SOREX CORONATUS* AND *S. MINUTUS* (SORICIDAE: MAMMALIA). *Comp. Biochem. Physiol. A Comp. Physiol*. 92(3):359-363. 1989. WR 213
[Inst. Zool. & Anim., Ecol., Univ. Lausanne, Lausanne, Switzerland]

89-003385 van Zyll de Jong, C. G. and G. L. Kirkland, Jr. A MORPHOMETRIC ANALYSIS OF THE *SOREX CINEREUS* GROUP IN CENTRAL AND EASTERN NORTH AMERICA. *J. Mammal*. 70(1):110-122. 1989. WR 213
[Natl. Mus. Nat. Sci., P.O. Box 3443, Stn. "D", Ottawa, ON, Canada K1P 6P4]

89-003386 Vohralik, Vladimir. AGE DETERMINATION AND THE POPULATION STRUCTURE IN *CROCIDURA SUAVEOLENS* (MAMMALIA: INSECTIVORA) IN PRAGUE, CZECHOSLOVAKIA. *Vestn. Cesk. Spol. Zool*. 52:63-74. 1988. WR 213
[Dep. Syst. Zool., Charles Univ., Vinicna 7, 128 44 Praha 2, Czechoslovakia]

89-003387 Woodall, P. F. and G. J. Currie. FOOD CONSUMPTION, ASSIMILATION AND RATE OF FOOD PASSAGE IN THE CAPE ROCK ELEPHANT SHREW, *ELEPHANTULUS EDWARDII* (MACROSCELIDEA: MACROSCELIDINAE). *Comp. Biochem. Physiol. A*

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

89-003387 CONTINUED *Comp. Physiol*. 92(1):75-79. 1989. WR 213
[Dep. Anat., Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-003388 Zaytsev, M. V. [ON THE NOMENCLATURE OF RED-TOOTHED SHREWS OF THE GENUS *SOREX* IN THE FAUNA OF THE USSR.] *Zool. Zh*. 67(12):1878-1888. 1988. In Russian with English summ. WR 213
[Zool. Inst., USSR Acad. Sci., Leningrad, USSR]

CHIROPTERA

89-003389 Adams, Rick A. TRENDS IN REPRODUCTIVE BIOLOGY OF SOME BATS IN COLORADO. *Bat Res. News* 29(3):21-25. 1988. WR 213
[DEPOB, Univ. Colo., Boulder 80309-0334]

89-003390 Albayrak, I. THE PRESENCE OF *MYOTIS DAUBENTONI* (KUHL, 1819) IN TURKEY. *Mammalia* 52(3):415-418. 1988. WR 213
[Univ. Ankara, Fac. Sci., Dep. Biol., 06100 Tandogan, Ankara, Turkey]

89-003391 Arlettaz, R. and S. Aulagnier. [STATUS OF THREE RARE BAT SPECIES IN MOROCCO: *NYCTERIS THEBAICA, HIPPOSIDEROS CAFFER* AND *PIPISTRELLUS RUEPPELLI*.] *Z. Saeugetierkd*. 53(6):321-324. 1988. In French with English and German summ. WR 213
[CH-3960 Loc, Switzerland]

89-003392 Barak, Y. and Y. Yom-Tov. THE ADVANTAGE OF SOCIAL HUNTING IN KUHL'S BAT, *PIPISTRELLUS KUHLI* (MICROCHIROPTERA). *Isr. J. Zool*. 35(1-2):101-102. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-003393 Barnard, Susan M. THE USE OF MICROCHIP IMPLANTS FOR IDENTIFYING BIG BROWN BATS. *Anim. Keepers' Forum* 16(2):50-52. 1989. WR 213
[Dep. Reptiles & Amphibians, Zoo Atlanta, Atlanta, GA] *Eptesicus fuscus*.

89-003394 Barnard, Susan M. and Nancy C. A. Frank. THE ROLE OF THE WILDLIFE REHABILITATOR IN THE CAPTIVE CARE OF INSECTIVOROUS BATS. *Annu. Symp. Natl. Wildl. Rehab. Assoc*. 6:45-54. 1987. WR 213
[Dep. Reptiles & Amphib., Zoo Atlanta, 800 Cherokee Ave., S.E., Atlanta, GA 30315]

89-003395 Bauerova, Zdenka and Jan Zima. SEASONAL CHANGES IN VISITS TO A CAVE BY BATS. *Folia Zool*. 37(2):97-111. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-003396 Bernard, R. T. F. and A. N. Hodgson. ULTRASTRUCTURAL CHANGES IN THE SEMINIFEROUS EPITHELIUM OF TWO SEASONALLY REPRODUCING BATS (MAMMALIA: CHIROPTERA). *J. Morphol*. 199(3):249-258. 1989. WR 213
[Dep. Zool. & Entomol., Rhodes Univ., Grahamstown 6140, South Africa] *Miniopterus schreibersi* and *Rhinolophus capensis*.

CHIROPTERA (CONTINUED)

89-003397 Bhatnagar, Kunwar P. ULTRASTRUCTURE OF THE PINEAL BODY OF THE COMMON VAMPIRE BAT, *DESMODUS ROTUNDUS*. *Am. J. Anat.* 181(2):163-178. 1988. WR 213
[Dep. Anat. Sci. & Neurobiol., Univ. Louisville School Med., Louisville, KY 40292]

89-003398 Brigham, R. M. and A. C. Brigham. EVIDENCE FOR ASSOCIATION BETWEEN A MOTHER BAT AND ITS YOUNG DURING AND AFTER FORAGING. *Am. Midl. Nat.* 121(1):205-207. 1989. WR 213
[Dep. Biol. Sci., Univ. Calgary, Calgary, AB, Canada T2N 1N4] *Eptesicus fuscus* in Canada.

89-003399 Bruns, Volkmar; Hynek Burda and Michael J. Ryan. EAR MORPHOLOGY OF THE FROG-EATING BAT (*TRACHOPS CIRRHOSUS*, FAMILY: PHYLLOSTOMIDAE): APPARENT SPECIALIZATIONS FOR LOW-FREQUENCY HEARING. *J. Morphol.* 199(1):103-118. 1989. WR 213
[Zool. Inst. J.W. Goethe-Univ., D-6000 Frankfurt am Main, West Germany]

89-003400 Buchanan, G. Dale. TIMING OF OVULATION AND EARLY EMBRYONIC DEVELOPMENT IN *MYOTIS LUCIFUGUS* (CHIROPTERA: VESPERTILIONIDAE) FROM NORTHERN CENTRAL ONTARIO. *Am. J. Anat.* 178(4):335-340. 1987. WR 213
[Fac. Health Sci., McMaster Univ., 1200 Main St. W., Rm. 2J32, Hamilton, ON, Canada L8N 3Z5]

89-003401 Canney, Donna Hill. ENDOCRINE MECHANISM UNDERLYING DELAYED OVULATION IN THE LITTLE BROWN BAT, *MYOTIS LUCIFUGUS*. *Ph.D. dissertation, Cornell Univ.* 175p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2072. 1988. Order No. DA8821239. WR 213

89-003402 Contreras, Julio Rafael and Carlos A. Galliari. [*MOLOSSUS ATER* GEOFFROY, 1805 (CHIROPTERA, MOLOSSIDAE) IN THE PROVINCE OF CORRIENTES, ARGENTINA.] *Hist. Nat.* 6(7):64. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Prov. Corrientes, Casilla Correo 145, 3400 Corrientes, Argentina]

89-003403 Crichton, Elizabeth G. and Philip H. Krutzsch. REPRODUCTIVE BIOLOGY OF THE FEMALE LITTLE MASTIFF BAT, *MORMOPTERUS PLANICEPS* (CHIROPTERA: MOLOSSIDAE) IN SOUTHEAST AUSTRALIA. *Am. J. Anat.* 178(4):369-386. 1987. WR 213
[Dep. Anat., Univ. Ariz., Tucson 85724]

89-003404 Cukierski, Mark A. SYNTHESIS AND TRANSPORT STUDIES OF THE INTRASYNCYTIAL LAMINA: AN UNUSUAL PLACENTAL BASEMENT MEMBRANE IN THE LITTLE BROWN BAT, *MYOTIS LUCIFUGUS*. *Am. J. Anat.* 178(4):387-409. 1987. WR 213
[Dev. & Reprod. Biol. Unit, Calif. Primate Res. Cent., Univ. Calif., Davis 95616]

89-003405 Eales, Lucy A.; D. J. Bullock and P. J. B. Slater. SHARED NURSING IN CAPTIVE PIPISTRELLES (*PIPISTRELLUS PIPISTRELLUS*)? *J. Zool. (Lond.)* 216(4):584-587. 1988. WR 213
[Dep. Biol. & Pre-Clinical Med., Univ. St. Andrews, St. Andrews, Fife KY16 9TS, Scotland]

CHIROPTERA (CONTINUED)

89-003406 Falanruw, Marjorie C. MANAGEMENT OF FRUIT BATS ON YAP, CAROLIN ISLANDS: PAST AND FUTURE CHALLENGES. *Trans. West. Sect. Wildl. Soc.* 24:38-41. 1988. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., P.O. Box 490, Yap, West. Caroline Islands, FM 96943] *Pteropus yapensis*.

89-003407 Forman, G. Lawrence; James Dale Smith and Craig S. Hood. EXCEPTIONAL SIZE AND UNUSUAL MORPHOLOGY OF SPERMATOZOA IN *NOCTILIO ALBIVENTRIS* (NOCTILIONIDAE). *J. Mammal.* 70(1):179-184. 1989. WR 213
[Dep. Biol., Rockford Coll., Rockford, IL 61108]

89-003408 Gustafson, A. W. CHANGES IN LEYDIG CELL ACTIVITY DURING THE ANNUAL TESTICULAR CYCLE OF THE BAT *MYOTIS LUCIFUGUS LUCIFUGUS*: HISTOLOGY AND LIPID HISTOCHEMISTRY. *Am. J. Anat.* 178(4):312-325. 1987. WR 213
[Dep. Anat. & Cell. Biol., Tufts Univ. Schools Med. & Vet. Med., 136 Harrison Ave., Boston, MA 02111]

89-003409 Happold, D. C. D. and M. Happold. REPRODUCTION OF ANGOLA FREE-TAILED BATS (*TADARIDA CONDYLURA*) AND LITTLE FREE-TAILED BATS (*TADARIDA PUMILA*) IN MALAWI (CENTRAL AFRICA) AND ELSEWHERE IN AFRICA. *J. Reprod. Fertil.* 85(1):133-149. 1989. WR 213
[Dep. Zool., Australian Natl. Univ., Canberra, A.C.T. 2601, Australia]

89-003410 Heideman, P. D. DELAYED DEVELOPMENT IN FISCHER'S PYGMY FRUIT BAT, *HAPLONYCTERIS FISCHERI*, IN THE PHILIPPINES. *J. Reprod. Fertil.* 85(2):363-382. 1989. WR 213
[Inst. Reprod. Biol., Patterson Lab. Bldg., Univ. Tex., Austin 78712]

89-003411 Hoffman, L. H.; W. A. Wimsatt and G. E. Olson. PLASMA MEMBRANE STRUCTURE OF BAT SPERMATOZOA: OBSERVATIONS ON EPIDIDYMAL AND UTERINE SPERMATOZOA IN *MYOTIS LUCIFUGUS*. *Am. J. Anat.* 178(4):326-334. 1987. WR 213
[Dep. Cell. Biol., Vanderbilt Univ., School Med., Nashville, TN 37232]

89-003412 Hood, Craig S. COMPARATIVE MORPHOLOGY AND EVOLUTION OF THE FEMALE REPRODUCTIVE TRACT IN MACROGLOSSINE BATS (MAMMALIA, CHIROPTERA). *J. Morphol.* 199(2):207-221. 1989. WR 213
[Dep. Biol. Sci., Loyola Univ., New Orleans, LA 70118]

89-003413 Ibanez, Carlos and Jose Ochoa G. NEW RECORDS OF BATS FROM BOLIVIA. *J. Mammal.* 70(1):216-219. 1989. WR 213
[Estac. Biol. Donana, Consejo Superior Invest. Cient., Apdo. 1056, 41080 Seville, Spain] *Pteronotus parnellii*, *P. gymnonotus*, *P. personatus*, *Tadarida aurispinosa*, *T. macrotis*, *Eumops hansae*, *Promops centralis*, and *P. nasutus*.

89-003414 Jolly, Simon. FIVE COLONIES OF THE ORANGE HORSESHOE BAT, *RHINONYCTERIS AURANTIUS* (CHIROPTERA: HIPPOSIDERIDAE), IN THE NORTHERN TERRITORY. *Aust. Wildl. Res.* 15(1):41-49. 1988. WR 213
[Dep. Physiol. & Pharmacol., Univ. Queensland, St. Lucia, Qld. 4000, Australia] *Macroderma gigas*, *Miniopterus schreibersii*, and *Hipposideros ater*.

89-003415 Karim, K. B. and Mohammad Fazil. EARLY EMBRYONIC DEVELOPMENT AND PREIMPLANTATION CHANGES IN THE UTERUS OF THE BAT *RHINOPOMA HARDWICKEI HARDWICKEI* (GRAY) (RHINOPOMATIDAE). *Am. J. Anat.* 178(4):341-351. 1987.

CHIROPTERA (CONTINUED)

89-003415 CONTINUED WR 213
[Noorain, Second Floor, Samiullah Khan Marg, Sadar Bazar, Nagpur-440 001, India]

89-003416 Krutzsch, Philip H. and Elizabeth G. Crichton. REPRODUCTIVE BIOLOGY OF THE MALE LITTLE MASTIFF BAT, *MORMOPTERUS PLANICEPS* (CHIROPTERA: MOLOSSIDAE), IN SOUTHEAST AUSTRALIA. *Am. J. Anat.* 178(4):352-368. 1987. WR 213
[Crichton: Dep. Anat., Univ. Ariz., Tucson 85724]

89-003417 Kwiecinski, Gary G.; Lennart Krook and William A. Wimsatt. ANNUAL SKELETAL CHANGES IN THE LITTLE BROWN BAT, *MYOTIS LUCIFUGUS LUCIFUGUS*, WITH PARTICULAR REFERENCE TO PREGNANCY AND LACTATION. *Am. J. Anat.* 178(4):410-420. 1987. WR 213
[Dep. Biochem., Univ. Wis., 420 Henry Mall, Madison 53713]

89-003418 Kwiecinski, Gary G.; William A. Wimsatt and Lennart Krook. MORPHOLOGY OF THYROID C-CELLS AND PARATHYROID GLANDS IN SUMMER-ACTIVE LITTLE BROWN BATS, *MYOTIS LUCIFUGUS LUCIFUGUS*, WITH PARTICULAR REFERENCE TO PREGNANCY AND LACTATION. *Am. J. Anat.* 178(4):421-427. 1987. WR 213
[Dep. Biochem., Univ. Wis., 420 Henry Mall, Madison 53713]

89-003419 Larrow, Krista Boyd. SUCCESSFUL TECHNIQUES FOR HAND-RAISING AN EGYPTIAN FRUIT BAT *(ROUSETTUS AEGYPTIACUS)*. *Anim. Keepers' Forum* 15(12):406-411. 1988. WR 213
[Burnet Park Zoo, Syracuse, NY]

89-003420 LePere, Susan C. COMPARATIVE ULTRASTRUCTURE OF CUTICULAR SCALATION OF MACROGLOSSINE BATS (CHIROPTERA: PTEROPODIDAE). *M.A. thesis, Calif. State Univ. (Fullerton)* 95p. 1988. From Masters Abstr. Int. 27(1):72. 1989. Order No. MA1333632. WR 213

89-003421 Liao Jiayi. [STUDIES ON THE LIFE-HISTORY OF A BAT TRYPANOSOME, *TRYPANOSOMA (MEGATRYPANUM) SCOTOPHILI*.] *Acta Zool. Sin.* 34(1):34-41. 1988. In Chinese with English summ. WR 213
[Dep. Biol., Zhongshan Univ., Guangzhou, China] *Scotophilus heathi*.

89-003422 Lindeque, M. OBSERVATIONS ON MATING BEHAVIOUR IN THE COMMON SLIT-FACED BAT *NYCTERIS THEBAICA*. *Madoqua* 15(2):183-185. 1987. In English with Dutch summ. WR 213
[Etosha Ecol. Inst., P.O. Okaukuejo 9000, Namibia]

89-003423 Lourenco-De-Oliveira, Ricardo; Jarbas E. Santos and Mariangela Ziccardi. NOTES ON STRAIN OF *TRYPANOSOMA CRUZI* FROM A BAT, *PHYLLOSTOMUS HASTATUS*, FROM RIO DE JANEIRO. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-48. 1988. Abstract only. WR 213
[Dep. Entomol., Inst. Oswaldo Cruz, C.P. 926, Rio de Janeiro, Brazil]

89-003424 Makin, D. and D. L. Harrison. OCCURRENCE OF *PIPISTRELLUS ARIEL* THOMAS, 1904 (CHIROPTERA: VESPERTILIONIDAE) IN ISRAEL. *Mammalia* 52(3):419-422. 1988. WR 213
[Tel Aviv Univ., Dep. Zool., Tel Aviv, Israel]

CHIROPTERA (CONTINUED)

89-003425 McNab, Brian K. TEMPERATURE REGULATION AND RATE OF METABOLISM IN THREE BORNEAN BATS. *J. Mammal*. 70(1):153-161. 1989. WR 213
[Dep. Zool., Univ. Fla., Gainesville 32611] *Cynopterus brachyotis*, *Eonycteris spelaea*, and *Hipposideros galeritus*.

89-003426 Mohammad, Mohammad K. ON *PLAGIORCHIS KOREANUS* OGATA, 1938 FROM THE TRIDENT LEAF-NOSED BAT, *ASELLIA TRIDENS MURRIANA* (ANDERSON, 1881) IN IRAQ. *J. Biol. Sci. Res*. 19(Suppl.):967-969. 1988. In English with Arabic summ. WR 213
[Univ. Baghdad, Nat. Hist. Mus., Bab Al-Muadham, Baghdad, Iraq]

89-003427 Pinto, A. S.; E. Chiari and A. A. Silva Pereira. *SCHIZOTRYPANUM* FROM THE BAT *PHYLLOSTOMUS HASTATUS*: ISOENZYMATIC CHARACTERIZATION. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:PZ-41. 1988. Abstract only. WR 213
[Dep. Microbiol., Inst. Cienc. Biol., C.P. 2486, UFMG, Belo Horizonte, Brazil]

89-003428 Pitts, Richard M. FIRST RECORD OF *PLECOTUS RAFINESQUII* IN CENTRAL ARKANSAS. *Trans. Kans. Acad. Sci*. 91(3-4):185. 1988. WR 213
[420th Eng. Brigade, 511 Carson, Bryan, TX 77801]

89-003429 Ross, Linda Sue. THE FUNCTIONAL ORGANIZATION OF AN ISOFREQUENCY CONTOUR OF THE INFERIOR COLLICULUS OF THE MUSTACHE BAT. *Ph.D. dissertation, Univ. Tex. (Austin)* 135p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):135p. 1989. Order No. DA8816557. WR 213
Pteronotus parnellii.

89-003430 Serra-Cobo, J.; A. Montori and N. Mach. [CARRADAN'S CAVE REFUGE OF AN IMPORTANT SPRING POPULATION OF BATS.] *Pirineos* 128:121-127. 1986. In Spanish with English summ. From Ecol. Abstr. 88/6:88L/8373. 1988. WR 213
Rhinolophus euryale, *Miniopterus schreibersi*, *Myotis emarginatus*, and *M. nattereri* in Spain.

89-003431 Smith, Stephen A. and Mary Ellen Clay. BIOLOGICAL AND MORPHOLOGICAL STUDIES ON THE BAT FLEA, *MYODOPSYLLA INSIGNIS* (SIPHONAPTERA: ISCHNOPSYLLIDAE). *J. Med. Entomol*. 25(5):413-424. 1988. WR 213
[Dep. Companion Anim. & Spec. Species Med., Coll. Vet. Med., N.C. State Univ., Raleigh 27606]

89-003432 Speakman, J. R. and P. A. Racey. VALIDATION OF THE DOBLEY LABELED WATER TECHNIQUE IN SMALL INSECTIVOROUS BATS BY COMPARISON WITH INDIRECT CALORIMETRY. *Physiol. Zool*. 61(6):514-526. 1988. WR 213
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland] *Pipistrellus pipistrellus* and *Plecotus auritus*.

89-003433 Taylor, R. J.; M. G. O'Neill and T. Reardon. TASMANIAN BATS: IDENTIFICATION, DISTRIBUTION AND NATURAL HISTORY. *Pap. Proc. R. Soc. Tasm*. 121:109-119. 1987. From Ecol. Abstr. 88/6:88L/8374. 1988. WR 213

89-003434 Thorn, Erik. THE STATUS OF *PIPISTRELLUS CAPENSIS NOTIUS* (= *SCABRIFER NOTIUS* G.M. ALLEN, 1908) AS PRIOR SYNONYM FOR *EPTESICUS MELCKORUM* A. ROBERTS, 1919. *Mammalia* 52(3):371-377.

CHIROPTERA (CONTINUED)

89-003434 CONTINUED 1988. In English with French summ. WR 213
[1164 St. Patrick St., Victoria, BC, Canada V8S 4Y4]

89-003435 Tucker, Priscilla K. and John W. Bickham. HETEROCHROMATIN AND SEX-CHROMOSOME VARIATION IN BATS OF THE GENUS *CAROLLIA* (CHIROPTERA: PHYLLOSTOMIDAE). *J. Mammal*. 70(1):174-179. 1989. WR 213
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *C. brevicauda*, *C. perspicillata*, *C. subrufa*, and *C. castanea*.

89-003436 Volleth, M. and H. S. Yong. *GLISCHROPUS TYLOPUS*, THE FIRST KNOWN OLD-WORLD BAT WITH AN X-AUTOSOME TRANSLOCATION. *Experientia (Basel)* 43(8):922-924. 1987. WR 213
[Dep. Human Genet., Schwabachanlage 10, D-8520 Erlangen, West Germany]

89-003437 Zingg, Peter E. [A CONSPICUOUS CRY OF THE NOCTULE BAT *NYCTALUS NOCTULA* (SCHREBER) (MAMMALIA: CHIROPTERA) IN THE MATING SEASON.] *Rev. Suisse Zool*. 95(4):1057-1062. 1988. In German with English summ. WR 213
[Zool. Inst. Univ., Baltzerstr. 3, CH-3012 Berne, Switzerland]

FURBEARERS

89-003438 Jenkins, J. H.; E. E. Provost; T. T. Fendley; J. R. Monroe; I. L. Brisbin, Jr. and M. S. Lenarz. TECHNIQUES AND PROBLEMS ASSOCIATED WITH A CONSECUTIVE TWENTY-FIVE YEAR FURBEARER TRAPLINE CENSUS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:1-7. 1979. WR 213

89-003439 Todd, Arlen W. and Edward K. Boggess. CHARACTERISTICS, ACTIVITIES, LIFESTYLES, AND ATTITUDES OF TRAPPERS IN NORTH AMERICA. *In: Wild Furbearer Management and Conservation in North America. Milan Novak, James A. Baker, Martyn E. Obbard, and Bruce Malloch, editors*. p. 59-76. 1987. WR 213
[Dep. For., Lands & Wildl., Edmonton, AB, Canada T5K 2E6]

RABBITS AND PIKAS

89-003440 de Rijk, J. H. [THE HISTORY OF THE RABBIT *ORYCTOLAGUS CUNICULUS* IN THE NETHERLANDS.] *Lutra* 31(2):101-131. 1988. In Dutch with English summ. WR 213
[Slijpkruikweg 39, 6712 DJ Ede, Netherlands]

89-003441 Durant, Pedro. REPRODUCTION AND PRODUCTIVITY IN THE PARAMO RABBIT, *SYLVILAGUS BRASILIENSIS MERIDENSIS* (LAGOMORPHA: LEPORIDAE). *Caribb. J. Sci*. 24(1-2):32-38. 1988. WR 213
[Fac. Cienc., Univ. Los Andes, Merida, Venezuela]

89-003442 Duthie, A. G.; J. D. Skinner and T. J. Robinson. THE DISTRIBUTION AND STATUS OF THE RIVERINE RABBIT, *BUNOLAGUS MONTICULARIS*, SOUTH AFRICA. *Biol. Conserv*. 47(3):195-202. 1989. WR 213
[Mammal Res. Inst., Univ. Pretoria, 0002 Pretoria, South Africa]

RABBITS AND PIKAS (CONTINUED)

89-003443 Homolka, Miloslav. DIET OF THE WILD RABBIT *(ORYCTOLAGUS CUNICULUS)* IN AN AGROCOENOSIS. *Folia Zool.* 37(2):121-128. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-003444 Stracciari, Gian Luigi; Roberto Rosmini; Jose Malvisi Stracciari; Mario Spagnesi; Anna Zaghini; Valter Trocchi and Luciana Marocchio. [EXPERIMENTAL AFLATOXICOSIS IN THE HARE (*LEPUS EUROPAEUS*).] *Ric. Biol. Selvaggina* No. 80. 27p. 1988. In Italian with French, English, and German summ. WR 213

89-003445 Sullivan, T. P. and D. S. Sullivan. INFLUENCE OF STAND THINNING ON SNOWSHOE HARE POPULATION DYNAMICS AND FEEDING DAMAGE IN LODGEPOLE PINE FOREST. *J. Appl. Ecol.* 25(3):791-805. 1988. WR 213
[Appl. Mammal Res. Inst., 23523 47th Ave., R.R. No. 7, Langley, BC, Canada V3A 4R1] *Lepus americanus* in Canada.

89-003446 Villela, Maria Elizabeth. BRUSH RABBIT *(SYLVILAGUS BACHMANI)* FOOD HABITS AT CLAM BEACH, CALIFORNIA. *M.S. thesis, Humboldt State Univ.* 1988. WR 213

89-003447 Williams, C. K. and R. J. Moore. GENETIC DIVERGENCE IN FECUNDITY OF AUSTRALIAN WILD RABBITS *ORYCTOLAGUS CUNICULUS*. *J. Anim. Ecol.* 58(1):249-259. 1989. WR 213
[CSIRO, Div. Wildl. & Ecol., P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

89-003448 Wing, John F.; Jay L. Weppler and William F. Higgs. CONFIRMATION OF A TEN-YEAR CYCLE IN *LEPUS CALIFORNICUS* IN ITS NORTHERNMOST RANGE AND ITS SYNCHRONIZATION WITH *L. AMERICANUS* CYCLES. *Ohio J. Sci.* 89(2):43. 1989. Abstract only. WR 213
[Dep. Psychol., Wittenberg Univ., Springfield, OH 45501]

RODENTS--GENERAL

89-003449 Agrawal, V. C. RODENTS - THEIR TAXONOMY AND DISTRIBUTION. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 533-552. 1986. WR 213
[Mammal Sect., Zool. Surv. India, Calcutta, India]

89-003450 Al-Sanei, Khalid S.; Fawzi M. Abu-Elzin and Sharaf Al-Din A. Ali. EVALUATION OF MEDIA CAMPAIGN AND PUBLIC CONTRIBUTION IN RODENT CONTROL IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 273. 1986. Abstract only. WR 213
[Minist. Publ. Health, Kuwait]

89-003451 Al-Sanei, Khalid S. and Mohammad M. Balbaa. THE ROLE OF ORGANIZATION IN KUWAIT RAT-CONTROL PROGRAMME. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 17. 1983. Abstract only. WR 213
[Supreme Comm. Rodent Control, P.O. No. 1519, Safat, Kuwait]

RODENTS--GENERAL (CONTINUED)

89-003452 Al-Taqi, Muna and Samira Al-Ziady. ECTOPARASITES OF RODENTS IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 107-114. 1983. WR 213
[Zool. Dep., Fac. Sci., Kuwait Univ., Kuwait] Data for 8 spp.

89-003453 Arafa, M. S. FURTHER RESEARCH ON RODENTS AND THEIR PARASITOFAUNA. WHY? *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 203-208. 1983. WR 213
[Fac. Med., Zagazig Univ., Banha, Egypt]

89-003454 Ashton, A. Daniel and William B. Jackson. EFFICIENT AND INEFFICIENT METHODS OF CONTROLLING RODENTS IN POULTRY HOUSES. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 339-349. 1986. WR 213
[Bowling Green State Univ., Bowling Green, OH 43403]

89-003455 Barnett, S. A. EXPLORING, SAMPLING, NEOPHOBIA, AND FEEDING. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 295-320. 1988. WR 213
[Dep. Zool., Australian Natl. Univ., Canberra, A.C.T., Australia]

89-003456 Barnett, S. A. ECOLOGY AND ECONOMICS OF RODENT PEST MANAGEMENT: THE NEED FOR RESEARCH. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 459-464. 1988. WR 213
[Australian Natl. Univ., Canberra, A.C.T., Australia]

89-003457 Becker, Kurt. MAINTAINING A RAT-FREE TOWN. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 77-82. 1983. WR 213
[Bevenser Weg 10, 3000 Hannover 61, Kleefeld, West Germany]

89-003458 Bowers, M. A.; D. B. Thompson and J. H. Brown. SPATIAL ORGANIZATION OF A DESERT RODENT COMMUNITY: FOOD ADDITION AND SPECIES REMOVAL. *Oecologia (Berl.)* 72(1):77-82. 1987. WR 213
[Blandy Exp. Farm & Dep. Environ. Sci., Univ. Va., Charlottesville 22903] Data for 11 spp.

89-003459 Brown, Joel S. DESERT RODENT COMMUNITY STRUCTURE: A TEST OF FOUR MECHANISMS OF COEXISTENCE. *Ecol. Monogr.* 59(1):1-20. 1989. WR 213
[Dep. Biol. Sci., P.O. Box 4348, Univ. Ill., Chicago 60680] *Perognathus amplus, Dipodomys merriami, Spermophilus tereticaudus,* and *Ammospermophilus harrisii* in Arizona.

89-003460 Bykovskii, V. A. and N. V. Kandybin. BIOLOGICAL PRINCIPLES, DEVELOPMENT, AND PERSPECTIVES OF THE USE OF BACTERIA AND VIRUSES. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 377-389. 1988. WR 213
[All-Union Plant Protection Res. Inst., Leningrad, USSR]

RODENTS--GENERAL (CONTINUED)

89-003461 Davis, David E. POPULATION PRINCIPLES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 171-178. 1988. WR 213
[Dep. Zool., N.C. State Univ., Raleigh]

89-003462 Demian, Emile S. and Bahija I. Behbehani. *ABBREVIATA (ABBREVIATA) KUWAITENSIS*, A PARASITIC NEMATODE OF RODENTS IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 115-135. 1983. WR 213
[Fac. Sci., Kuwait Univ., Kuwait]

89-003463 El-Din Selim, Mohammed Mohy; Jamal Hafez; Muna Al-Taqi; Mohammed Fawzy and Lydie Jaroskova. CHANGING CLINICAL PICTURE OF CUTANEOUS LEISHMANIASIS IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 157-163. 1986. WR 213
[Dep. Dermatol., Al-Sabah Hospital, Minist. Publ. Health, Kuwait]

89-003464 Elias, Donald J. and Michael W. Fall. THE RODENT PROBLEM IN LATIN AMERICA. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 13-28. 1988. WR 213
[Plant Prod. & Protection Div., FAO, United Nations, Rome, Italy]

89-003465 Erlinge, Sam and Lennart Hansson. PREDATION. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 411-420. 1988. WR 213
[Dep. Anim. Ecol., Univ. Lund, Lund, Sweden]

89-003466 Farag, Mohammad Sh. EFFECT OF SUBLETHAL DOSES OF ANTICOAGULANTS ON THE REPRODUCTION OF THE RAT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 46-52. 1983. WR 213
[ARAMCO, P.O. No. 8174, Dhahran, Saudi Arabia]

89-003467 Fiedler, Lynwood A. RODENT PROBLEMS IN AFRICA. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 35-65. 1988. WR 213
[Sect. Int. Programs, Denver Wildl. Res. Cent., U.S. Dep. Agric., Denver, CO 80225]

89-003468 Fitzwater, William D. NONLETHAL METHODS IN RODENT CONTROL. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 421-426. 1988. WR 213
[Natl. Anim. Damage Control Assoc., Albuquerque, NM]

89-003469 Gratz, N. G. and I. A. H. Ismail. RODENT-BORNE DISEASES IN COUNTRIES OF THE MIDDLE-EAST. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 165-180. 1986. WR 213
[Div. Vector Biol. & Control, WHO, Geneva, Switzerland]

89-003470 Gratz, Norman G. RODENTS AND HUMAN DISEASE: A GLOBAL APPRECIATION. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 101-169. 1988. WR 213
[Div. Vector Biol. & Control, World Health Organ., Geneva, Switzerland]

89-003471 Hansson, Lennart. NATURAL RESISTANCE OF PLANTS TO PEST RODENTS. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 391-397. 1988. WR 213
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., Uppsala, Sweden]

RODENTS--GENERAL (CONTINUED)

89-003472 Helmy Mohammad, A. H.; T. M. Zaghloul and M. Zakaria, editors. PROCEEDINGS OF THE FIRST SYMPOSIUM ON RECENT ADVANCES IN RODENT CONTROL. KUWAIT SHERATON. FEBRUARY 8th-11th 1982. *Minist. Publ. Health (Kuwait)* 223p. 1983. WR 213
[Fac. Sci., Kuwait Univ., Kuwait] Selected chapters indexed in this issue of *Wildlife Review*.

89-003473 Helmy Mohammad, A. H. and Muna Al-Taqi. RODENTS AS HOSTS AND POTENTIAL RESERVOIRS OF BLOOD PARASITES IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 155-164. 1983. WR 213
[Fac. Sci., Univ. Kuwait, Kuwait]

89-003474 Helmy Mohammad, A. H.; T. M. Zaghloul; A. M. Salit and M. Zakaria, editors. PROCEEDINGS OF THE SECOND SYMPOSIUM ON RECENT ADVANCES IN RODENT CONTROL. KUWAIT SHERATON FEBRUARY 2nd-6th 1985. *Minist. Publ. Health (Kuwait)* 371p. 1986. WR 213
[Fac. Sci., Kuwait Univ., Kuwait] Selected chapters indexed in this issue of *Wildlife Review*.

89-003475 Hoque, M. M. and R. C. Saxena. TRANSFER OF RODENT PEST CONTROL TECHNOLOGY. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 441-450. 1988. WR 213
[Natl. Crop Protection Cent., Coll. Agric., Univ. Philippines Los Banos, College Laguna, Philippines]

89-003476 Hoque, M. M.; F. F. Sanchez and E. A. Benigno. RODENT PROBLEMS IN SELECTED COUNTRIES IN SOUTHEAST ASIA AND ISLANDS IN THE PACIFIC. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 85-99. 1988. WR 213
[Natl. Crop Protection Cent., Coll. Agric., Univ. Philippines Los Banos, College Laguna, Philippines]

89-003477 Howard, Walter E. WHERE TO PLACE RODENT BAIT BOXES. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 251-256. 1986. WR 213

89-003478 Howard, Walter E. A METHOD OF MAINTAINING RAT-FREE VILLAGES. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 83-87. 1983. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003479 Howard, Walter E. RESEARCH NEEDS IN RAT CONTROL. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 209-215. 1983. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003480 Howard, Walter E. EFFECTIVENESS OF CHEMOSTERILANTS, PHEROMONES AND REPELLENTS IN FIELD RODENT CONTROL. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 41-45. 1983. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

RODENTS--GENERAL (CONTINUED)

89-003481 Howard, Walter E. RODENT PEST MANAGEMENT: THE PRINCIPLES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 285-293. 1988. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003482 Howard, Walter E. AREAS OF FURTHER RESEARCH. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 451-458. 1988. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003483 Jackson, William B. and A. D. Ashton. EVALUATION OF EFFICACY TESTING OF RODENTICIDE BAITS IN THE LABORATORY. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 225-232. 1986. WR 213
[Cent. Environ. Res., Bowling Green State Univ., Bowling Green, OH 43403]

89-003484 Khalil, L. F. THE HELMINTH PARASITES OF RODENTS AND THEIR IMPORTANCE. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 141-149. 1986. WR 213
[Commonwealth Inst. Parasitol., St. Albans, Herts, England]

89-003485 Korn, H. DENSITIES AND BIOMASSES OF NON-FOSSORIAL SOUTHERN AFRICAN SAVANNA RODENTS DURING THE DRY SEASON. *Oecologia (Berl.)* 72(3):410-413. 1987. WR 213
[Fac. Biol. Philipps Univ., Zool., Lahnberge, Postfach 1929, 3550 Marburg, West Germany]

89-003486 Ku, T. Y. DEVELOPMENT OF STRATEGY FOR STOREHOUSE RODENT CONTROL IN TAIWAN. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 321-331. 1986. WR 213
[Dep. Agric. Prod., Taipei, Taiwan] *Rattus norvegicus, R. losea, R. rattus, Mus musculus, Bandicota nemorivaga*, and *Suncus murinus*.

89-003487 Lund, M. ANTICOAGULANT RODENTICIDES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 341-351. 1988. WR 213
[Dep. Rodent Control, Danish Pest Infest. Lab., Lyngby, Denmark]

89-003488 Lund, M. NONANTICOAGULANT RODENTICIDES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 331-340. 1988. WR 213
[Dep. Rodent Control, Danish Pest Infest. Lab., Lyngby, Denmark]

89-003489 Lund, M. RODENT PROBLEMS IN EUROPE. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 29-33. 1988. WR 213
[Dep. Rodent Control, Danish Pest Infest. Lab., Lyngby, Denmark]

89-003490 Lund, M. SELECTION OF BAITS AND THEIR DISTRIBUTION. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 261-268. 1988. WR 213
[Dep. Rodent Control, Danish Pest Infest. Lab., Lyngby, Denmark]

89-003491 Lund, M. ULTRASOUND DEVICES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 407-409. 1988. WR 213
[Dep. Rodent Control, Danish Pest Infest. Lab., Lyngby, Denmark]

RODENTS--GENERAL (CONTINUED)

89-003492 Marsh, Rex E. CHEMOSTERILANTS FOR RODENT CONTROL. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 353-367. 1988. WR 213
[Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003493 Marsh, Rex E. PRINCIPLES AND TECHNIQUES OF FORMULATING EFFECTIVE RODENT BAITS - PRESENT AND FUTURE. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 211-223. 1986. WR 213
[Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003494 Marsh, Rex E. RODENT PROBLEMS ON THE NORTH AMERICAN CONTINENT. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 1-11. 1988. WR 213
[Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

89-003495 McPherson, A. Bradley. THE BIOGEOGRAPHY OF COSTA RICAN RODENTS: AN ECOLOGICAL, GEOLOGICAL, AND EVOLUTIONARY APPROACH. *Brenesia* No. 25-26. p. 229-244. 1986. WR 213
[Biol. Dep., Centenary Coll., Shreveport, LA 71104]

89-003496 Meehan, Adrian P. CHEMICAL REPELLENTS. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 399-405. 1988. WR 213
[Res. & Dev., Rentokil, Ltd., Felcourt, Sussex, England]

89-003497 Moneim Maher, Abdul. PLANNING FOR RODENT CONTROL IN ARID ECOSYSTEMS: THE RECENT RODENT CONTROL PROGRAMME IN KUWAIT AS A USEFUL MODEL. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 285-289. 1986. WR 213
[Assiut Univ., Fac. Agric., Plant Protection Dep., Egypt]

89-003498 Morsy, T. A.; W. R. Bassili; M. E. Fayad; L. M. El-Okby and M. S. M. Saleh. RODENTS IN RELATION TO CUTANEOUS LEISHMANIASIS IN NORTH SINAI GOVERNORATE, EGYPT. *J. Egyptian Soc. Parasitol*. 17(2):427-438. 1987. From Protozool. Abstr. 12(12):3429. 1988. WR 213
[Dep. Parasitol., Fac. Med., Ain Shams Univ., Cairo, Egypt] *Mus musculus, Rattus rattus, R. norvegicus, Gerbillus gerbillus, G. pyramidum*, and *Meriones shawi*.

89-003499 Muller, W. ROLE OF RATS AND MICE IN DISEASE TRANSMISSION. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 166-175. 1983. WR 213
[W.H.O., P.O. No. 14, Rangoon, Burma]

89-003500 Posamentier, Heimo. INTEGRATED PEST MANAGEMENT, PRICIPLES IN RODENT CONTROL. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 427-439. 1988. WR 213
[Dep. Plant Protection, Gesellschaft Tech. Zusammenarbeit (GTZ) Gmbtt, Eschborn, West Germany]

89-003501 Prakash, Ishwar. SOME ASPECTS OF THE ECOLOGY OF INDIAN RODENTS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 528-532. 1986. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, India]

RODENTS--GENERAL (CONTINUED)

89-003502 Prakash, Ishwar. BAIT SHYNESS AND POISON AVERSION. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 321-329. 1988. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, Rajasthan, India]

89-003503 Prakash, Ishwar. CHANGING PATTERNS OF RODENT POPULATIONS IN INDIA. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 179-190. 1988. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, Rajasthan, India]

89-003504 Prakash, Ishwar and R. P. Mathur. RODENT PROBLEMS IN ASIA. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 67-84. 1988. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, Rajasthan, India]

89-003505 Prakash, Ishwar, editor. RODENT PEST MANAGEMENT. *CRC Press, Inc*. 480p. 1988. Available from CRC Press, Inc., 2000 Corporate Blvd., N.W., Boca Raton, FL 33431. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, Rajasthan, India] Selected chapters indexed in this issue of *Wildlife Review*.

89-003506 Putilov, A. A. [MacARTHUR'S DISTRIBUTION USED IN THE DESCRIPTION OF MANY YEAR POPULATION DYNAMICS OF SMALL RODENTS IN BARABA.] *Zool. Zh*. 67(12):1919-1922. 1988. In Russian with English summ. WR 213
[Inst. Physiol., Siberian Div., USSR Acad. Med. Sci., Novosibirsk, USSR]

89-003507 Redhead, T. D. PREVENTION OF PLAGUES OF HOUSE MICE IN RURAL AUSTRALIA. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 191-205. 1988. WR 213
[Div. Wildl. & Rangelands Res., CSIRO, Canberra, A.C.T., Australia] *Rattus rattus*, *R. norvegicus*, and *Mus musculus*.

89-003508 Reif, Helmut. RODENT CONTROL IN CONTAINERS. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 311-319. 1986. WR 213

89-003509 Rennison, B. D. A PROPOSED ROLE FOR QUALITY CONTROL TECHNIQUES IN URBAN RODENT CONTROL PROGRAMMES. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 53-63. 1983. WR 213
[MAFF, Hook Rise S. Tolworth, Surbiton, Surrey KT6 7NF, England]

89-003510 Rennison, B. D. and A. P. Buckle. METHODS FOR ESTIMATING THE LOSSES CAUSED IN RICE AND OTHER CROPS BY RODENTS. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 237-259. 1988. WR 213
[MAFF, Tolworth Lab., Surrey, England]

89-003511 Richards, C. G. J. COST-EFFECTIVE APPROACHES TO LARGE-SCALE RODENT CONTROL PROGRAMME. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 291-310. 1986. WR 213

89-003512 Richards, C. G. J. LARGE-SCALE EVALUATION OF RODENT CONTROL TECHNOLOGIES. *In: Rodent Pest Management. Ishwar Prakash, editor*. p. 269-284. 1988. WR 213
[Insecticide & Fungicide Dep., ICI Agrochem., Haslemere, England]

RODENTS--GENERAL (CONTINUED)

89-003513 Salit, Ali M. EPIDEMIOLOGICAL SIGNIFICANCE OF INTERSPECIFIC REPLACEMENT OF DOMESTIC AND WILD RODENTS IN NEWLY RECLAIMED AREAS IN THE ARAB WORLD. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 183-190. 1983. WR 213

89-003514 Salit, Ali M. FLEAS IN RELATION TO MAN, RATS AND HOUSEHOLD ANIMALS FROM AN EPIDEMIOLOGICAL STANDPOINT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 176-182. 1983. WR 213
Rattus norvegicus and *Arvicanthis niloticus*.

89-003515 Shafi, M. M. GODOWN GRAIN LOSSES DUE TO RODENTS AND THEIR CONTROL IN PAKISTAN. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 333-337. 1986. WR 213
[Vertebr. Pest Control Lab., Pakistan Agric. Res. Control, Karachi Univ., Pakistan] *Mus musculus, Rattus rattus, Tatera indica,* and *Meriones hurrianae*.

89-003516 Smythe, W. R. FAO AND RODENT CONTROL IN DEVELOPING COUNTRIES. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 216-219. 1983. WR 213
[F.A.O., P.O. No. 2988, Mogadiscio, Somalia]

89-003517 Sonerud, Geir A. WHAT CAUSES EXTENDED LOWS IN MICROTINE CYCLES? ANALYSIS OF FLUCTUATIONS IN SYMPATRIC SHREW AND MICROTINE POPULATIONS IN FENNOSCANDIA. *Oecologia (Berl.)* 76(1):37-42. 1988. WR 213
[Div. Zool., Dep. Biol., Univ. Oslo, P.O. Box 1050, Blindern, N-0316 Oslo 3, Norway]

89-003518 Stoddart, D. Michael. THE POTENTIAL FOR PHEROMONAL INVOLVEMENT IN RODENT CONTROL PROGRAMS. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 369-375. 1988. WR 213
[Dep. Zool., Univ. Tasmania, Hobart, Tasm., Australia]

89-003519 Tantawi, Hamid Hassan. THE ROLE OF RODENTS IN THE TRANSMISSION OF VIRAL DISEASES TO MAN AND ANIMALS. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 191-199. 1983. WR 213
[Fac. Vet. Med., Cairo Univ., Cairo, Egypt]

89-003520 Taylor, K. D. PRACTICAL CONSIDERATIONS IN LARGE SCALE RODENT CONTROL WITH SPECIAL REFERENCE TO EGYPT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 64-73. 1983. WR 213
[Warren House, Albury Heath, Guildford, Surrey GU5 9DB, England]

89-003521 Taylor, K. D. RADIO-TRACKING AS A TECHNIQUE FOR STUDYING RAT BEHAVIOUR. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 91-95. 1983. WR 213
[Warren House, Albury Heath, Guildford, Surrey GU5 9DB, England]

RODENTS--GENERAL (CONTINUED)

89-003522 Timm, Robert M. CONSTRUCTION TECHNIQUES TO PREVENT RODENT DAMAGE. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 351-365. 1986. WR 213
[Dep. For., Fish. & Wildl., Univ. Nebr., Lincoln 68583] *Rattus rattus, R. norvegicus,* and *Mus musculus.*

89-003523 Timm, Robert M. and Terrell P. Salmon. BEHAVIOR. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 225-235. 1988. WR 213
[Hopland Field Stn., Univ. Calif., Hopland]

89-003524 Twigg, G. I. REPRODUCTION. *In: Rodent Pest Management. Ishwar Prakash, editor.* p. 207-223. 1988. WR 213
[Dep. Zool., Royal Holloway & Bedford New Coll., Surrey, England]

89-003525 Van der Groen, G.; H. Leirs and R. Verhagen. POLYHOSTAL NATURE OF HANTAVIRUSES. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 197-207. 1986. WR 213
[Lab. Virol., Inst. Trop. Med., Antwerp, Belgium]

89-003526 Voss, Robert S. SYSTEMATICS AND ECOLOGY OF ICHTHYOMYINE RODENTS (MUROIDEA): PATTERNS OF MORPHOLOGICAL EVOLUTION IN A SMALL ADAPTIVE RADIATION. *Bull. Am. Mus. Nat. Hist.* 188(2):259-493. 1988. In English with Spanish summ. Available at $19.15, from Am. Mus. Nat. Hist. Library, Dep. D, Central Park W. at 79th St., New York, NY 10024. WR 213
Anotomys, Daptomys, Neusticomys, Rheomys, and *Ichthyomys* spp.

SCIURIDS

89-003527 Armitage, Kenneth B. RESOURCES AND SOCIAL ORGANIZATION OF GROUND-DWELLING SQUIRRELS. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 131-155. 1988. WR 213
[Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045] *Marmota flaviventris* in Colorado.

89-003528 Davies, D. G. and J. C. Schadt. VENTILATORY RESPONSES OF THE GROUND SQUIRREL, *SPERMOPHILUS TRIDECEMLINEATUS,* TO VARIOUS LEVELS OF HYPOXIA. *Comp. Biochem. Physiol. A Comp. Physiol.* 92(2):255-257. 1989. WR 213
[Dep. Physiol., Tex. Tech Univ. Health Sci. Cent., Lubbock 79430]

89-003529 Day, Thomas Arthur. MODIFICATION OF INDIVIDUAL PLANT AND COMMUNITY WATER AND NITROGEN RELATIONS BY GRASSLAND HERBIVORES. *Ph.D. dissertation, Colo. State Univ.* 135p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2954. 1989. Order No. DA8821280. WR 213
Cynomys ludovicianus in South Dakota.

89-003530 Devenport, Jill A. SOCIAL INFLUENCES ON FORAGING IN BLACK-TAILED PRAIRIE DOGS. *J. Mammal.* 70(1):166-168. 1989. WR 213
[Dep. Psychol. & Personnel Serv., Cent. State Univ., Edmond, OK 73060] *Cynomys ludovicianus* in Oklahoma.

SCIURIDS (CONTINUED)

89-003531 DuBowy, Paul J. and Virginia S. DuBowy. HAIRLESSNESS IN A GOLDEN-MANTLED GROUND SQUIRREL. *Prairie Nat.* 20(4):231-232. 1988. WR 213
[Dep. Biol., Franklin & Marshall Coll., Lancaster, PA 17604] *Spermophilus lateralis* in Wyoming.

89-003532 Gorman, Owen T. and Roland R. Roth. CONSEQUENCES OF A TEMPORALLY AND SPATIALLY VARIABLE FOOD SUPPLY FOR AN UNEXPLOITED GRAY SQUIRREL (*SCIURUS CAROLINENSIS*) POPULATION. *Am. Midl. Nat.* 121(1):41-60. 1989. WR 213
[Roth: Dep. Entomol. & Appl. Ecol., Univ. Del., Newark 19717]

89-003533 Hardy, Danita Sue. REPRODUCTIVE SUCCESS OF ROUND-TAILED GROUND SQUIRRELS. *M.S. thesis, Univ. Ariz.* 36p. 1987. From Masters Abstr. Int. 26(4):395. 1988. Order No. MA1332460. WR 213
Spermophilus tereticaudus.

89-003534 Holekamp, Kay E.; Scott Nunes and Frank Talamantes. PATTERNS OF PROGESTERONE SECRETION IN FREE-LIVING CALIFORNIA GROUND SQUIRRELS (*SPERMOPHILUS BEECHEYI*). *Biol. Reprod.* 39(5):1051-1059. 1988. WR 213
[Dep. Ornithol. & Mammal., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118]

89-003535 Kawamichi, Mieko. NEST STRUCTURE DYNAMICS AND SEASONAL USE OF NESTS BY SIBERIAN CHIPMUNKS (*EUTAMIAS SIBIRICUS*). *J. Mammal.* 70(1):44-57. 1989. WR 213
[17-354 Honmachi, Higashiuama-ku, Kyoto 605, Japan]

89-003536 Kietzmann, Glenn E., Jr. and Ellen A. Kietzmann. PARASITES ASSOCIATED WITH THIRTEEN-LINED GROUND SQUIRRELS (*SPERMOPHILUS TRIDECEMLINEATUS* MITCHILL) FROM AMES, IOWA. *Proc. Iowa Acad. Sci.* 94(1):22-23. 1987. WR 213
[Dep. Zool., Iowa State Univ., Ames 50010]

89-003537 Kondo, N. IDENTIFICATION OF A PRE-HIBERNATING STATE IN MYOCARDIUM FROM NONHIBERNATING CHIPMUNKS. *Experientia (Basel)* 43(8):873-875. 1987. WR 213
[Dep. Pharmacol., Mitsubishi-Kasei Inst. Life Sci., Machida, Tokyo 194, Japan] *Tamias* sp. and *Eutamias* sp.

89-003538 Linetsky, A. I. and O. N. Linetskaya. [METHODS OF DISCRIMINANT ANALYSIS IN MORPHOMETRY, EXEMPLIFIED BY SEX DIAGNOSIS IN *CITELLUS PARRYI* (RODENTIA, SCIURIDAE) USING CRANIOMETRY DATA.] *Zool. Zh.* 67(11):1717-1727. 1988. In Russian with English summ. WR 213
[Computer Cent., Far East Div., USSR Acad. Sci., Khabarovsk, USSR]

89-003539 Nikol'skii, A. A. and N. L. Nesterova. REACTION OF BOBACS (*MARMOTA BOBAC*) TO CONSPECIFIC AND HETEROSPECIFIC SOUND SIGNALS. *Mosc. Univ. Biol. Sci. Bull. (Engl. Transl. Vestn. Mosk. Univ. Biol.)* 43(3):29-34. 1988. WR 213

89-003540 Ouellet, J.-P. and J. Ferron. [THE USE OF SPACE BY WOODCHUCKS (*MARMOTA MONAX*).] *Nat. Can. (Que.)* 113(3):263-273. 1986. In French with English summ. WR 213
[Dep. Biol. & Sci. Sante, Univ. Quebec, Rimouski, PQ, Canada G5L 3A1]

SCIURIDS (CONTINUED)

89-003541 Pennisi, Elizabeth. BIOLOGY VERSUS ASTRONOMY: THE BATTLE FOR MOUNT GRAHAM. *BioScience* 39(1):10-13. 1989. WR 213
Tamiasciurus hudsonicus grahamensis in Arizona.

89-003542 Shalaeva, N. M.; D.-S. D. Zhaltsanova and C. Z. Dorzhiev. HELMINTHOFAUNA OF LONGTAILED SIBERIAN SOUSLIK (*SPERMOPHILUS UNDULATUS* L.) OF BAIKAL LAKE BASIN. *Helminthologia* 24(4):249-255. 1987. WR 213
[Moscow State Univ., Moscow, USSR]

89-003543 Steele, Michael Alan. PATCH USE AND FORAGING BEHAVIOR BY THE FOX SQUIRREL (*SCIURUS NIGER*): TESTS OF THEORETICAL PREDICTIONS. *Ph.D. dissertation, Wake Forest Univ.* 235p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2476-2477. 1989. Order No. DA8814711. WR 213

89-003544 Trombulak, Stephen C. RUNNING SPEED AND BODY MASS IN BELDING'S GROUND SQUIRRELS. *J. Mammal.* 70(1):194-197. 1989. WR 213
[Dep. Biol., Middlebury Coll., Middlebury, VT 05753] *Spermophilus beldingi.*

89-003545 Trulio, Lynne Ann. INFANTICIDE IN A POPULATION OF CALIFORNIA GROUND SQUIRRELS: FUNCTIONAL SIGNIFICANCE AND COMPARATIVE IMPORTANCE. *Ph.D. dissertation, Univ. Calif. (Davis)* 134p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2992-2993. 1989. Order No. DA8821734. WR 213
Spermophilus beecheyi.

89-003546 Turk, A. and W. Arnold. THERMOREGULATION AS A LIMIT TO HABITAT USE IN ALPINE MARMOTS (*MARMOTA MARMOTA*). *Oecologia (Berl.)* 76(4):544-548. 1988. WR 213
[Max-Planck-Inst. Verhaltensphysiol., D-8130 Seewiesen, West Germany]

89-003547 Van Devender, Tom; Peter Siminski; Howard Lawler and Mark Dimmitt. EVOLUTIONARY ADAPTATION OF ANIMALS AND PLANTS. *Sonorensis* 8(3):8-13. 1987. WR 213
Spermophilus tereticaudus.

89-003548 Vorontsov, N. N.; L. V. Frisman; Ch. F. Nadler; R. S. Hoffman and V. A. Serdyuk. POPULATION GENETICS AND GENOGEOGRAPHY OF WILD MAMMALS. VI. GENOGEOGRAPHY OF TRANSFERRINS IN AMPHIBERING POPULATIONS OF THE BERING GROUND SQUIRREL *CITELLUS PARRYI*. *Sov. Genet. (Engl. Transl. Genetika)* 23(4):495-504. 1987. WR 213
[N. K. Koltosov Inst. Dev. Biol., Moscow, USSR]

89-003549 Walsberg, Glenn E. and Catherine A. Schmidt. SEASONAL ADJUSTMENT OF SOLAR HEAT GAIN IN A DESERT MAMMAL BY ALTERING COAT PROPERTIES INDEPENDENTLY OF SURFACE COLORATION. *J. Exp. Biol.* 142:387-400. 1989. WR 213
[Dep. Zool., Ariz. State Univ., Tempe 85287-1501] *Spermophilus variegatus.*

89-003550 Wu, Ching-Ming and Ching-Liang Shen. RETINAL PROJECTIONS IN THE RED BELLY SQUIRREL (*CALLOSCIURUS ERYTHRAEUS ROBERTI*): AN AUTORADIOGRAPHIC STUDY. *Proc. Natl. Sci. Counc. Repub. China Part B Life Sci.* 12(4):195-201. 1988. WR 213
[Dep. Anat., Coll. Med., Natl. Cheng Kung Univ., Tainan, Taiwan]

BEAVER, MUSKRAT, AND NUTRIA

89-003551 Blanchette, Pierre. USE OF HALOTHANE TO ANAESTHETIZE MUSKRATS IN THE FIELD. *J. Wildl. Manage.* 53(1):172-174. 1989. WR 213
[Dep. Biol., Fac. Sci. & Genie, Univ. Laval, Quebec, PQ, Canada G1K 7P4] *Ondatra zibethicus*.

89-003552 Fain, A. and John O. Whitaker, Jr. MITES OF THE GENUS *SCHIZOCARPUS* TROUESSART, 1896 (ACARI, CHIRODISCIDAE) FROM ALASKA AND INDIANA, USA. *Acarologia (Paris)* 29(4):395-409. 1988. In English with French summ. WR 213
[Inst. R. Sci. Nat. Belgique, 29 rue Vautier, 1040-Brussels, Belgium]

89-003553 Gosling, L. M. THE REPRODUCTIVE SUCCESS OF FEMALE COYPUS IN A FERAL POPULATION: VARIATION IN RELATION TO AGE, FAT RESERVES AND THE AVAILABILITY OF MATES. *Zool. J. Linn. Soc.* 95(2):149. 1989. Abstract only. WR 213
[M.A.F.F. Coypu Res. Lab., Jupiter Rd., Norwich NR6 6SP, England] *Myocastor coypus* in England.

89-003554 Gosling, Morris. EXTINCTION TO ORDER. *New Sci.* 121(1654):44-49. 1989. WR 213
Myocastor coypus in England.

89-003555 Hanson, J. M.; W. C. Mackay and E. E. Prepas. EFFECT OF SIZE-SELECTIVE PREDATION BY MUSKRATS *(ONDATRA ZIBETHICUS)* ON A POPULATION OF UNIONID CLAMS *(ANODONTA GRANDIS SIMPSONIANA)*. *J. Anim. Ecol.* 58(1):15-28. 1989. WR 213
[Dep. Zool., Univ. Alberta, Edmonton, AB, Canada T6G 2E9]

89-003556 Shapovalov, S. I. [SOME FEATURES CHARACTERIZING DIURNAL ACTIVITY OF THE CANADIAN BEAVER *CASTOR CANADENSIS* ON THE KARELIAN ISTHMUS.] *Zool. Zh.* 67(12):1922-1925. 1988. In Russian with English summ. WR 213

89-003557 Smith, Martha A.; John O. Whitaker, Jr. and James N. Layne. ECTOPARASITES OF THE ROUND-TAILED MUSKRAT (*NEOFIBER ALLENI*) WITH SPECIAL EMPHASIS ON MITES OF THE FAMILY LISTROPHORIDAE. *Am. Midl. Nat.* 120(2):268-275. 1988. WR 213
[Dep. Life Sci., Indiana State Univ., Terre Haute 47809]

89-003558 Wegrzyn, John Gregory. *GIARDIA* IN COLORADO MUSKRATS: PREVALENCE, HOST-SPECIFICITY AND CROSS-SPECIES TRANSMISSION. *Ph.D. dissertation, Colo. State Univ.* 167p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3013. 1989. Order No. DA8821324. WR 213
Ondatra zibethicus.

RATTUS AND MUS

89-003559 Abu-Sabra, Ibrahim. RETROSPECTIVE STUDY OF MURINE TYPHUS IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 149-154. 1983. WR 213
[Sabah Hospital, Minist. Publ. Health, Kuwait]

RATTUS AND MUS (CONTINUED)

89-003560 Arafa, M. S. RATS AND MICE AS TRANSPORT HOSTS OF *TOXOPLASMA GONDII* IN EGYPT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 151-156. 1986. WR 213
[Fac. Med. & Allied Sci., King Abdul-Aziz Univ., Jeddah, Saudi Arabia] *Rattus norvegicus, R. rattus alexandrinus,* and *R. r. frugivorus.*

89-003561 Balbaa, M. and T. Zaghloul. A PILOT PROJECT FOR THE CONTROL OF THE NORWAY RAT IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 18. 1983. Abstract only. WR 213
[Insect & Rodent Control Div., P.O. No. 4083, Safat, Kuwait] *Rattus norvegicus.*

89-003562 Balbaa, Mohammad M. and M. Zakaria. TRAPPING AS AN EFFECTIVE METHOD FOR HOUSE MOUSE CONTROL IN POULTRY FARMS. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors.* p. 19-26. 1983. WR 213
[Insect & Rodent Control Div., P.O. No. 4083, Safat, Kuwait] *Mus musculus* in Kuwait.

89-003563 Faus, F. V. [CONTRIBUTION TO THE KNOWLEDGE OF THE MALACOLOGICAL FEEDING OF *RATTUS RATTUS* (LINNAEUS, 1758).] *Mediterranea* No. 10. p. 19-27. 1988. In Spanish with English summ. WR 213
[C/. Albacete 62-5a, 46007 Valencia, Spain]

89-003564 Gramet, Philippe. [THE BLACK RAT, *RATTUS RATTUS* L., IN COMORES ARCHIPELAGO. PRELIMINARY DATA ON THE REPRODUCTION.] *Mammalia* 52(3):431-435. 1988. In French. WR 213
[Lab. Faune Sauvage, I.N.R.A., 78350 Jouy-en-Josas, France]

89-003565 Grulich, Ivo. PERIODONTAL DISEASE OF *RATTUS NORVEGICUS* (RODENTIA) FROM MORAVIA. *Folia Zool.* 37(3):193-205. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-003566 Hoogstraal, Harry. VIRUSES, RICKETTSIAS, SPIROCHETES, LEISHMANIAS, AND OTHER ORGANISMS OF PROVEN OR POTENTIAL PUBLIC HEALTH IMPORTANCE INFECTING EGYPTIAN RODENTS. *In: Proceedings of the Second Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 181-196. 1986. WR 213
[U.S. Naval Med. Res., Unit No. 3 (NAMRU-3), c/o Am. Embassy, Cairo, Egypt] *Rattus rattus* and *R. norvegicus.*

89-003567 Kadhim, Abdul-Hussain H.; Maysoon M. Al-Nakash; Elias A. Elias; Intisar N. Wahid and Adel M. Mustafa. REPRODUCTION OF *RATTUS RATTUS FRUGIVORUS* (MURIDAE: RODENTIA) IN MIXED CITRUS-DATE PALM ORCHARDS OF CENTRAL IRAQ. *J. Biol. Sci. Res.* 19(Suppl.):761-771. 1988. In English with Arabic summ. WR 213
[Sci. Res. Council, Biol. Res. Cent., Jadiriyah, Baghdad, Iraq]

89-003568 Lynch, Carol Becker; D. S. Sulzbach and M. S. Connolly. QUANTITATIVE-GENETIC ANALYSIS OF TEMPERATURE REGULATION IN *MUS MUSCULUS*. IV. PLEIOTROPY AND GENOTYPE-BY-ENVIRONMENT INTERACTIONS. *Am. Nat.* 132(4):521-537. 1988. WR 213
[Dep. Biol., Wesleyan Univ., Middletown, CT 06457]

RATTUS AND MUS (CONTINUED)

89-003569 Myllymaki, Arvo. EFFICACY OF ANTICOAGULANTS AND FLUPROPADINE ON WILD STRAINS OF THE HOUSE MOUSE, *MUS MUSCULUS* L., IN FINLAND. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editor*. p. 241-249. 1986. WR 213
[Agric. Res. Cent., 31 600 Jokioinen, Finland]

89-003570 Palomo, L. Javier and J. Mario Vargas. ON THE IRREGULAR MOULT IN THE ALGERIAN MOUSE, *MUS SPRETUS* LATASTE, 1883. *Acta Theriol*. 33(6):67-77. 1988. In English with Polish summ. WR 213
[Dep. Zool., Fac. Sci., Univ. Malaga, Apdo. 59, 29080 Malaga, Spain]

89-003571 Prevost, L. and J. P. Beaugrand. EFFECTS OF HYPOTHERMIA ON MATERNAL RESPONSIVENESS IN MICE *(MUS MUSCULUS)*. *Nat. Can. (Que.)* 113(3):275-280. 1986. In English with French summ. WR 213
[Dep. Psychol., Univ. Quebec, B.P. 8888, Montreal, PQ. Canada H3C 3P8]

89-003572 Tantawy Omar, M. and M. Balbaa. A FIELD TRIAL FOR RAT CONTROL IN A DENSELY INHABITED DISTRICT IN KUWAIT AND SOME OF ITS IMPLICATIONS. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 27-29. 1983. WR 213
[Insect & Rodent Control Div., P.O. No. 4083, Safat, Kuwait] *Rattus* spp.

89-003573 Tantawy Omar, M.; Ali M. Salit and M. Elaiwa Al Naggar. FIELD TRIALS FOR BIOLOGICAL EVALUATION OF CERTAIN RODENTICIDES AND MULTIPLE-CATCH TRAPPING AGAINST THE HOUSE MOUSE *MUS MUSCULUS* L. IN FOOD STORES IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 39-49. 1986. WR 213
[Insect & Rodent Control Div., Minist. Publ. Health, Kuwait]

89-003574 Temme, M. BIOLOGICAL PARAMETERS OF THE POLYNESIAN RAT *(RATTUS EXULANS)* IN THE NORTHERN MARSHALL ISLANDS. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 77-91. 1986. WR 213
[Alter Horst 18, 2982 Norderney, West Germany]

89-003575 Wassif, Kamal. TECHNIQUES USED IN TAXONOMICAL STUDIES. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 96-103. 1983. WR 213
[Fac. Sci., Ain Shams Univ., Cairo, Egypt] *Rattus* spp.

89-003576 Zaghloul, T. M. and M. Zakaria. LABORATORY EVALUATION OF CERTAIN BIOCIDES AGAINST THE HOUSE MOUSE, *MUS MUSCULUS* L. IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 19-27. 1986. WR 213
[Insect & Rodent Control Div, Minist. Publ. Health, Kuwait]

89-003577 Zaghloul, Talaat M. and M. Zakaria. BIOLOGICAL ASSAY OF DIFFERENT RODENTICIDES ON THE NORWAY RAT, *RATTUS NORVEGICUS*, IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 32-38. 1983. WR 213
[Insect & Rodent Control Div., P.O. No. 4083, Safat, Kuwait]

RATTUS AND MUS (CONTINUED)

89-003578 Zakaria, Mohammad and T. M. Zaghloul. PARASITIC INFECTION OF *RATTUS NORVEGICUS* IN KUWAIT. *In: Proceedings of the First Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul and M. Zakaria, editors*. p. 136-145. 1983. WR 213
[Insect & Rodent Control, P.O. No. 4083, Safat, Kuwait]

89-003579 Zakaria, Mohammad and Talaat M. Zaghloul. ENDOPARASITE INFECTIONS OF *MUS MUSCULUS* L. IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 29-37. 1986. WR 213
[Insect & Rodent Control Div., Minist. Publ. Health, Kuwait]

OTHER RODENTS

89-003580 Al-Sanei, Khalid S.; Talaat M. Zaghloul; Ali M. Salit; M. Tantawy Omar and Mohammad Zakaria. PRELIMINARY STUDIES ON HYDROGEN PHOSPHIDE (PHOSPHINE) AS A FUMIGANT AGAINST CERTAIN RODENT PESTS IN KUWAIT. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editor*. p. 275-284. 1986. WR 213
[Minist. Publ. Health, Kuwait]

89-003581 Alkon, Philip U. MOONLIGHTING AND OTHER INSIGHTS INTO THE BEHAVIORAL ECOLOGY OF NEGEV PORCUPINES. *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors*. p. 118-129. 1987. WR 213
[Ben-Gurion Univ. Negev, Sede Boqer Campus, Israel] *Hystrix indica*.

89-003582 Andera, Milos. DORMICE (GLIRIDAE) IN CZECHOSLOVAKIA. PART I.: *GLIS GLIS, ELIOMYS QUERCINUS* (RODENTIA: MAMMALIA). *Folia Mus. Rer. Natur. Bohem. Occid. (Plzen)* No. 24. p. 3-47. 1986. In English with Czech summ. WR 213
[Dep. Zool., Natl. Mus., tr. Vitezneho unora 74, CS-115 79 Praha 1, Czechoslovakia]

89-003583 August, Peter V.; Suzanne G. Ayvazian and John G. T. Anderson. MAGNETIC ORIENTATION IN A SMALL MAMMAL, *PEROMYSCUS LEUCOPUS*. *J. Mammal.* 70(1):1-9. 1989. WR 213
[Dep. Nat. Resour. Sci., Univ. R.I., Kingston 02881]

89-003584 Banach, Anna. POPULATION OF THE BANK VOLE IN THE MOSAIC OF FOREST BIOTOPES. *Acta Theriol.* 33(8):87-101. 1988. In English with Polish summ. WR 213
[Warsaw Univ., Inst. Zool., Dep. Zool. & Ecol., 26/28 Krakowskie Przedmiescie Str., 00-927 Warszawa, Poland] *Clethrionomys glareolus* in Poland.

89-003585 Bates, P. J. J. SYSTEMATICS AND ZOOGEOGRAPHY OF *TATERA* (RODENTIA: GERBILLINAE) OF NORTH-EAST AFRICA AND ASIA. *Bonn. Zool. Beitr.* 39(4):265-303. 1988. In English with German summ. WR 213
T. robusta, T. phillipsi, T. nigricauda, T. valida, T. boehmi, T. indica, and *T. minuscula*.

89-003586 Bovet, J.; M. Dolivo; C. George and A. Gogniat. HOMING BEHAVIOR OF WOOD MICE (*APODEMUS*) IN A GEOMAGNETIC ANOMALY. *Z. Saeugetierkd.* 53(6):333-340. 1988. In English with German summ. WR 213

OTHER RODENTS (CONTINUED)

89-003586 CONTINUED
[Dep. Biol., Univ. Laval, Laval, PQ, Canada G1K 7P4] *A. flavicollis* and *A. sylvaticus*.

89-003587 Briggs, John M. and Kimberly G. Smith. INFLUENCE OF HABITAT ON ACORN SELECTION BY *PEROMYSCUS LEUCOPUS*. *J. Mammal*. 70(1):35-43. 1989. WR 213
[Div. Biol., Kans. State Univ., Manhattan 66506]

89-003588 Brook, F. A. and J. R. Clarke. OVARIAN INTERSTITIAL TISSUE OF THE WOOD MOUSE, *APODEMUS SYLVATICUS*. *J. Reprod. Fertil*. 85(1):251-260. 1989. WR 213
[ICRF Dev. Biol. Unit, Dep. Zool., Oxford Univ., S. Parks Rd., Oxford OX1 3PS, England]

89-003589 Brown, Joel S. and William A. Mitchell. DIET SELECTION ON DEPLETABLE RESOURCES. *Oikos* 54(1):33-43. 1989. WR 213
[Dep. Biol. Sci., Univ. Ill., P.O. Box 4348, Chicago 60680] *Dipodomys merriami* in Arizona.

89-003590 Busch, Cristina; Ana I. Malizia; Orlando A. Scaglia and Osvaldo A. Reig. SPATIAL DISTRIBUTION AND ATTRIBUTES OF A POPULATION OF *CTENOMYS TALARUM* (RODENTIA: OCTODONTIDAE). *J. Mammal*. 70(1):204-208. 1989. WR 213
[Fac. Cienc. Exactas & Nat., UNMdP, C.C. 1348-7600, Mar del Plata, Buenos Aires, Argentina]

89-003591 Carlson, Linda Lou. GEOGRAPHIC DIFFERENCES FOR DELAY OF PUBERTY IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*. *Ph.D. dissertation, Wesleyan Univ*. 132p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2457. 1989. Order No. DA8817903. WR 213

89-003592 Carter, C. Sue; Diane M. Witt; E. Gregory Thompson and Kathy Carlstead. EFFECTS OF HORMONAL, SEXUAL, AND SOCIAL HISTORY ON MATING AND PAIR BONDING IN PRAIRIE VOLES. *Physiol. Behav*. 44(6):691-697. 1988. WR 213
[Dep. Zool., Univ. Md., College Park 20742] *Microtus ochrogaster*.

89-003593 Chabovsky, A. V. [ON THE DYNAMICS OF SOCIAL RELATIONS IN THE GROUP OF *MERIONES LIBYCUS*.] *Zool. Zh*. 67(10):1570-1575. 1988. In Russian with English summ. WR 213
[Res. Inst. Epidemiol. & Microbiol., USSR Acad. Med. Sci., Moscow, USSR]

89-003594 Clark, Bryon K.; Donald W. Kaufman; Glennis A. Kaufman; Elmer J. Finch and Schelle S. Hand. LONG-DISTANCE MOVEMENTS BY *REITHRODONTOMYS MEGALOTIS* IN TALLGRASS PRAIRIE. *Am. Midl. Nat*. 120(2):276-281. 1988. WR 213
[Div. Biol., Kans. State Univ., Manhattan 66506]

89-003595 Contreras, Julio Rafael and Jose Alejandro Scolaro. [DISTRIBUTION AND TAXONOMIC RELATIONSHIPS AMONG THE FOUR DISJUNCT GEOGRAPHIC "NUCLEOUS" OF *CTENOMYS DORBIGNYI* IN THE PROVINCE OF CORRIENTES, ARGENTINA (RODENTIA: CTENOMYIDAE).] *Hist. Nat*. 6(3):21-30. 1986. In Spanish with English summ. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

OTHER RODENTS (CONTINUED)

89-003596 Cox, G. W. and D. W. Allen. SOIL TRANSLOCATION BY POCKET GOPHERS IN A MIMA MOUNDFIELD. *Oecologia (Berl.)* 72(2):207-210. 1987. WR 213
[Dep. Biol., San Diego Univ., San Diego, CA 92182] *Thomomys umbrinus*.

89-003597 Cox, George W. and John M. Waithaka. ESTIMATING ABOVEGROUND NET PRODUCTION AND GRAZING HARVEST BY WILDLIFE ON TROPICAL GRASSLAND RANGE. *Oikos* 54(1):60-66. 1989. WR 213
[Dep. Biol., San Diego State Univ., San Diego, CA 92182] *Tachyoryctes splendens* in Kenya.

89-003598 de Villafane, G.; S. M. Bonaventura; M. I. Bellocq and R. E. Percich. HABITAT SELECTION, SOCIAL STRUCTURE, DENSITY AND PREDATION IN POPULATIONS OF CRICETINE RODENTS IN THE PAMPA REGION OF ARGENTINA AND THE EFFECTS OF AGRICULTURAL PRACTICES ON THEM. *Mammalia* 52(3):339-359. 1988. In English with French summ. WR 213
[Catedra Microbiol., Parasitol. & Immunol., Fac. Med., Univ. Buenos Aires, Paraguay 2155, piso 11, 1121 Buenos Aires, Argentina] *Calomys musculinus* and *C. laucha*.

89-003599 Dial, Kenneth P. THREE SYMPATRIC SPECIES OF *NEOTOMA*: DIETARY SPECIALIZATION AND COEXISTENCE. *Oecologia (Berl.)* 76(4):531-537. 1988. WR 213
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138] *N. devia*, *N. albigula*, and *N. stephensi* in Arizona.

89-003600 Dickman, C. R. and C. P. Doncaster. THE ECOLOGY OF SMALL MAMMALS IN URBAN HABITATS. II. DEMOGRAPHY AND DISPERSAL. *J. Anim. Ecol.* 58(1):119-127. 1989. WR 213
[School Biol. Sci., Univ. Sydney, Sydney, N.S.W. 2006, Australia] *Apodemus sylvaticus* and *Clethrionomys glareolus* in England.

89-003601 Dieterlen, F. and E. Van der Straeten. [TWO NEW SPECIMENS OF *LAMOTTEMYS OKUENSIS* PETTER, 1986 FROM CAMEROON (MURIDAE, RODENTIA).] *Mammalia* 52(3):379-385. 1988. In French with English summ. WR 213
[Staatliches Mus. Nat., Rosenstein 1, 7000 Stuttgart, West Germany]

89-003602 Dobson, F. Stephen and Philip Myers. THE SEASONAL DECLINE IN THE LITTER SIZE OF MEADOW VOLES. *J. Mammal.* 70(1):142-152. 1989. WR 213
[Dep. Zool. & Wildl. Sci., 331 Funchess Hall, Auburn Univ., Auburn, AL 36849] *Microtus pennsylvanicus* in Michigan.

89-003603 Faulkes, C. G.; D. H. Abbott and J. U. M. Jarvis. SUPPRESSION OF OVARIAN CYCLICITY IN FEMALE NAKED MOLE-RATS, *HETEROCEPHALUS GLABER*. *J. Reprod. Fertil. Abstr. Ser.* 2:21. 1988. Abstract only. WR 213
[MRC/AFRC Comp. Physiol. Res. Group, Inst. Zool., Regent's Park, London NW1 4RY, England]

89-003604 Ferkin, Michael H. THE EFFECT OF FAMILIARITY ON SOCIAL INTERACTIONS IN MEADOW VOLES, *MICROTUS PENNSYLVANICUS*: A LABORATORY AND FIELD STUDY. *Anim. Behav.* 36(6):1816-1822. 1988. WR 213
[Dep. Psychol., Biol. Group, Univ. Calif., Berkeley 94720]

89-003605 Fitzgerald, V. J. BEHAVIORAL RESPONSES OF *PEROMYSCUS LEUCOPUS* TO WET AND DRY SUBSTRATES. *Proc. Iowa Acad. Sci.* 94(1):235. 1987. Abstract only. WR 213
[Dep. Biol., Univ. Iowa, Iowa City 52242]

OTHER RODENTS (CONTINUED)

89-003606 Foster, Johanna. AN ALBINO VOLE IN NORTHEASTERN KANSAS. *Trans. Kans. Acad. Sci.* 91(3-4):186. 1988. WR 213
[Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045-2106] *Microtus ochrogaster.*

89-003607 Frank, Craig L. THE RELATIONSHIP OF WATER CONTENT, SEED SELECTION, AND THE WATER REQUIREMENTS OF A HETEROMYID RODENT. *Physiol. Zool.* 61(6):527-534. 1988. WR 213
[Dep. Div. & Cell Biol., Univ. Calif., Irvine 92717] *Dipodomys spectabilis.*

89-003608 George, Wilma. *MASSOUTIERA MZABI* (RODENTIA, CTENODACTYLIDAE) IN A CLIMATOLOGICAL TRAP. *Mammalia* 52(3):331-338. 1988. In English with French summ. WR 213
[Dep. Zool., Univ. Oxford, S. Parks Rd., Oxford OX1 3PS, England]

89-003609 Gliwicz, Joanna. INDIVIDUALS AND POPULATIONS OF THE BANK VOLE IN OPTIMAL, SUBOPTIMAL AND INSULAR HABITATS. *J. Anim. Ecol.* 58(1):237-247. 1989. WR 213
[Agric. Univ Warsaw, Dep. Wildl. Manage., Rakowiecka 26/30, 02-528 Warsaw, Poland] *Clethrionomys glareolus* in Poland.

89-003610 Gregory, Michael J. and Guy N. Cameron. SCENT COMMUNICATION AND ITS ASSOCIATION WITH DOMINANCE BEHAVIOR IN THE HISPID COTTON RAT (*SIGMODON HISPIDUS*). *J. Mammal.* 70(1):10-17. 1989. WR 213
[Program Evol. Biol., Dep. Biol., Univ. Houston, Houston, TX 77204]

89-003611 Hofmann, Joyce E.; Betty McGuire and Theresa M. Pizzuto. PARENTAL CARE IN THE SAGEBRUSH VOLE (*LEMMISCUS CURTATUS*). *J. Mammal.* 70(1):162-165. 1989. WR 213
[Nat. Hist. Surv., 607 E. Peabody Dr., Champaign, IL 61820]

89-003612 Horacek, Ivan. FOSSIL RECORDS AND CHOROLOGICAL STATUS OF DORMICE IN CZECHOSLOVAKIA. PART I.: *GLIS GLIS, ELIOMYS QUERCINUS*. *Folia Mus. Rer. Natur. Bohem. Occid. (Plzen)* No. 24. p. 49-59. 1986. In English with Czech summ. WR 213
[Lab. Quaternary Res. C.A.S., Inst. Geol. & Geotech., Navratilova 12, 114 00 Praha 2, Czechoslovakia]

89-003613 Inouye, R. S.; N. J. Huntly; D. Tilman and J. R. Tester. POCKET GOPHERS (*GEOMYS BURSARIUS*), VEGETATION, AND SOIL NITROGEN ALONG A SUCCESSIONAL SERE IN EAST CENTRAL MINNESOTA. *Oecologia (Berl.)* 72(2):178-184. 1987. WR 213
[Dep. Biol. Sci., Campus Box 8007, Idaho State Univ., Pocatello 83209-0009]

89-003614 Johnston, H. S.; J. McGadey; A. P. Payne; G. G. Thompson and M. R. Moore. THE HARDERIAN GLAND, ITS SECRETORY DUCT AND PORPHYRIN CONTENT IN THE WOODMOUSE (*APODEMUS SYLVATICUS*). *J. Anat.* 153:17-30. 1987. WR 213
[Dep. Anat., Univ. Glasgow, Glasgow G12 8QQ, Scotland]

89-003615 Jones, W. Thomas. DISPERSAL DISTANCE AND THE RANGE OF NIGHTLY MOVEMENTS IN MERRIAM'S KANGAROO RATS. *J. Mammal.* 70(1):27-34. 1989. WR 213
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *Dipodomys merriami* in Arizona.

OTHER RODENTS (CONTINUED)

89-003616 Kaneko, Yukibumi. RELATIONSHIP OF SKULL DIMENSIONS WITH LATITUDE IN THE JAPANESE FIELD VOLE. *Acta Theriol.* 33(3):35-46. 1988. In English with Polish summ. WR 213
[Biol. Lab., Fac. Educ., Kagawa Univ., Takamatsu 760, Japan] *Microtus montebelli.*

89-003617 Kaufman, Donald W. PORCUPINE RECORDED FOR RUSSELL COUNTY, KANSAS. *Trans. Kans. Acad. Sci.* 91(3-4):189. 1988. WR 213
[Div. Biol., Kans. State Univ., Manhattan 66506] *Erethizon dorsatum.*

89-003618 Kaufman, Donald W.; Sharon K. Gurtz and Glennis A. Kaufman. MOVEMENTS OF THE DEER MOUSE IN RESPONSE TO PRAIRIE FIRE. *Prairie Nat.* 20(4):225-229. 1988. WR 213
[Div. Biol., Kans. State Univ., Manhattan 66506] *Peromyscus maniculatus* in Kansas.

89-003619 Kaufman, Glennis A. USE OF FLUORESCENT PIGMENTS TO STUDY SOCIAL INTERACTIONS IN A SMALL NOCTURNAL RODENT, *PEROMYSCUS MANICULATUS*. *J. Mammal.* 70(1):171-174. 1989. WR 213
[Div. Biol., Kans. State Univ., Manhattan 66506]

89-003620 Kawata, M. THE EFFECT OF KINSHIP ON SPACING AMONG FEMALE RED-BACKED VOLES, *CLETHRIONOMYS RUFOCANUS BEDFORDIAE*. *Oecologia (Berl.)* 72(1):115-122. 1987. WR 213
[Inst. Appl. Zool., Fac. Agric., Hokkaido Univ., Sapporo 060, Japan]

89-003621 Koide, R. T.; L. F. Huenneke and H. A. Mooney. GOPHER MOUND SOIL REDUCES GROWTH AND AFFECTS ION UPTAKE OF TWO ANNUAL GRASSLAND SPECIES. *Oecologia (Berl.)* 72(2):284-290. 1987. WR 213
[Dep. Biol., Buckhout Lab., Pa. State Univ., University Park 16802] *Thomomys bottae* in California.

89-003622 Korobitsina, K. V. and I. V. Kartavtseva. [VARIATION AND EVOLUTION OF THE KARYOTYPE OF GERBILS (RODENTIA, CRICETIDAE, GERBILLINAE) 1. KARYOTYPIC DIFFERENTIATION OF MIDDAY GERBILS (*MERIONES MERIDIANUS*) OF THE USSR FAUNA.] *Zool. Zh.* 67(12):1889-1899. 1988. In Russian with English summ. WR 213
[Inst. Biol. & Pedol., Far East Sci. Cent., USSR Acad. Sci., Vladivostok, USSR]

89-003623 Lambin, Xavier. SOCIAL RELATIONS IN *APODEMUS SYLVATICUS* AS REVEALED BY VIDEO-OBSERVATION IN THE WILD. *J. Zool. (Lond.)* 216(4):587-593. 1988. WR 213
[Univ. Oslo, Zool. Inst., P.O. Box 1050, Blindern, Oslo 3, Norway]

89-003624 Lanoue, Alain. USE OF CORRIDORS AND SCALE OF MOVEMENT IN FARMLAND BY *PEROMYSCUS LEUCOPUS*. *M.S. thesis, Carleton Univ. (Canada)* 1988. From Masters Abstr. Int. 27(1):72. 1989. WR 213

89-003625 Lusk, Stewart J. G. and John S. Millar. REPRODUCTIVE INHIBITION IN A SHORT-SEASON POPULATION OF *PEROMYSCUS MANICULATUS*. *J. Anim. Ecol.* 58(1):329-341. 1989. WR 213
[Dep. Zool., Univ. West. Ontario, London, ON, Canada N6A 5B7]

OTHER RODENTS (CONTINUED)

89-003626 Mahmoud, Wafeya and B. D. Rennison. THE RESPONSES OF COMMENSAL RODENTS (*RATTUS RATTUS, R. NORVEGICUS* AND *ACOMYS CAHIRINUS*) IN EGYPTIAN VILLAGES TO CONTROL WITH 0.002% BRODIFACOUM, 0.1% CALCIFEROL AND 2.5% ZINC PHOSPHIDE. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 233-239. 1986. WR 213
[Res. Inst. Med. Entomol., Cairo, Egypt]

89-003627 McPhee, Euan C. ECOLOGY AND DIET OF SOME RODENTS FROM THE LOWER MONTANE REGION OF PAPUA NEW GUINEA. *Aust. Wildl. Res.* 15(1):91-102. 1988. WR 213
[School Social & Environ. Educ., Thames Polytechnic, Avery Hill Campus, Bexley Rd., London SE9 2PQ, England] *Rattus steini, R. exulans, Melomys rufescens, M. lorentzi*, and *Pogonomys macrourus*.

89-003628 McShea, William J. and Dale M. Madison. MEASUREMENTS OF REPRODUCTIVE TRAITS IN A FIELD POPULATION OF MEADOW VOLES. *J. Mammal.* 70(1):132-141. 1989. WR 213
[Smithsonian Conserv. & Res. Cent., Front Royal, VA 22630] *Microtus pennsylvanicus* in Pennsylvania.

89-003629 Millar, John S. and Wendy D. Millar. EFFECTS OF GESTATION ON GROWTH AND DEVELOPMENT IN *PEROMYSCUS MANICULATUS*. *J. Mammal.* 70(1):208-211. 1989. WR 213
[Dep. Zool., Univ. West. Ontario, London, ON, Canada N6A 5B7]

89-003630 Moorhead, D. L.; F. M. Fisher and W. G. Whitford. COVER OF SPRING ANNUALS ON NITROGEN-RICH KANGAROO RAT MOUNDS IN A CHIHUAHUAN DESERT GRASSLAND. *Am. Midl. Nat.* 120(2):443-447. 1988. WR 213
[Syst. Ecol. Res. Group, Coll. Sci., San Diego State Univ., San Diego, CA 92182] *Dipodomys spectabilis* in New Mexico.

89-003631 Moreno, Sacramento. REPRODUCTION OF GARDEN DORMOUSE *ELIOMYS QUERCINUS LUSITANICUS*, IN SOUTHWEST SPAIN. *Mammalia* 52(3):401-407. 1988. In English with French summ. WR 213
[Estac. Biol. Donana, Avda. Ma. Luisa s/n, P. Peru, 41013 Seville, Spain]

89-003632 Moreno, Sacramento and M. Beatriz Kufner. SEASONAL PATTERNS IN THE WOOD MOUSE POPULATION IN MEDITERRANEAN SCRUBLAND. *Acta Theriol.* 33(7):79-85. 1988. In English with Polish summ. WR 213
[Estac. Biol. Donana, CSIC, Apdo. 1056, 41080 Seville, Spain] *Apodemus sylvaticus* in Spain.

89-003633 Muller, E. F. and U. Soppa. ACTIVITY PATTERN AND THERMOREGULATION IN THE CUIS (*GALEA MUSTELOIDES* MEYEN, 1833). *Z. Saeugetierkd.* 53(6):341-348. 1988. In English with German summ. WR 213
[Inst. Biol. III Univ. Tubingen, Abt. Physiol. Okol., Auf Morgenstelle 28, D-7400 Tubingen, West Germany]

89-003634 Nevo, E.; P. Pirlot and A. Beiles. BRAIN SIZE DIVERSITY IN ADAPTATION AND SPECIATION OF SUBTERRANEAN MOLE RATS. *Z. Zool. Syst. Evolutionsforsch.* 26(6):467-479. 1988. In English with French and German summ. WR 213
[Inst. Evol., Univ. Haifa, Mount Carmel, Haifa 31999, Israel] *Spalax ehrenbergi* in Israel.

OTHER RODENTS (CONTINUED)

89-003635 Newman, Karin S. and Zuleyma Tang Halpin. INDIVIDUAL ODOURS AND MATE RECOGNITION IN THE PRAIRIE VOLE, *MICROTUS OCHROGASTER*. *Anim. Behav.* 36(6):1779-1787. 1988. WR 213
[Halpin: Dep. Biol., Univ. Mo., 8001 Natural Bridge Rd., St. Louis 63121-4499]

89-003636 Nieder, Luis. WILD RAT FEEDING BEHAVIOUR. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 117-129. 1986. WR 213
[Nat. Hist. Mus., Univ. Parma, Parma, Italy] *Rattus norvegicus, R. rattus,* and *Mus musculus* in Italy.

89-003637 O'Brien, James P. SEASONAL SELECTION OF CONIFEROUS TREES BY THE SEWELLEL, *APLODONTIA RUFA*. *Mammalia* 52(3):325-330. 1988. In English with French summ. WR 213
[Dep. Ornithol. & Mammal., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118-9961]

89-003638 Olds, Nancy. A REVISION OF THE GENUS *CALOMYS* (RODENTIA: MURIDAE). *Ph.D. dissertation, City Univ. N.Y.* 389p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3051. 1989. Order No. DA8820886. WR 213

89-003639 Onoyama, Keiichi and Takehisa Saitoh. LED FLASHER TRACKING OF THE RED-BACKED VOLE *CLETHRIONOMYS RUFOCANUS BEDFORDIAE*. *Res. Bull. Obihiro Univ. Ser. I* 16(1):71-74. 1988. In English with Japanese summ. WR 213
[Lab. Wildl. Resour. Ecol., Obihiro Univ. Agric. & Vet. Med., Inada-cho, Obihiro 080, Japan]

89-003640 Owen, James G. POPULATION AND GEOGRAPHIC VARIATION OF *PEROMYSCUS LEUCOPUS* IN RELATION TO CLIMATIC FACTORS. *J. Mammal.* 70(1):98-109. 1989. WR 213
[Univ. Salvadorena "Alberto Masterrer" U.S.A.M., 19a. AV. N. entre 3a. Calle Poniente No. 1040, Apdo. Postal 2053, San Salvador, El Salvador]

89-003641 Peirce, E. J. and W. G. Breed. LIGHT MICROSCOPICAL STRUCTURE OF THE EXCURRENT DUCTS AND DISTRIBUTION OF SPERMATOZOA IN THE AUSTRALIAN RODENTS *PSEUDOMYS AUSTRALIS* AND *NOTOMYS ALEXIS*. *J. Anat.* 162:195-213. 1989. WR 213
[Dep. Anat. & Histol., Univ. Adelaide, Adelaide, S.A. 5001, Australia]

89-003642 Peterson, N. E.; J. A. Vexenat; A. C. O. C. Rosa and P. R. L. Lago. ISOLATION OF *LEISHMANIA (VIANNIA) BRAZILIENSIS* FROM THE RODENT *NECTOMYS SQUAMIPES* CAPTURED IN BAHIA, BRAZIL. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-28. 1988. Abstract only. WR 213
[Nucleo Med. Trop. & Nutr., Univ. Brasilia, Brasilia, DF, Brazil]

89-003643 Pigozzi, Giorgio. QUILL-MARKING, A METHOD TO IDENTIFY CRESTED PORCUPINES INDIVIDUALLY. *Acta Theriol.* 33(11):138-142. 1988. WR 213
[Univ. Milano, Dip. Biol., Sezione Zool.-Sci. Nat., Via Celoria 26, 20133 Milano, Italy] *Hystrix cristata.*

OTHER RODENTS (CONTINUED)

89-003644 Prado, J. C., Jr.; G. L. Iizuka and J. K. Kloetzel. HEMATOLOGIC FINDINGS DURING THE COURSE OF INFECTION OF *CALOMYS CALLOSUS* WITH SEVERAL STRAINS OF *TRYPANOSOMA CRUZI*. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* B1-55. 1988. Abstract only. WR 213
[Fac. Cienc. Farmaceuticas, USP, Ribeirao Preto, Brazil]

89-003645 Prakash, Ishwar. EFFICACY OF CONSPECIFIC URINE IN MASKING THE SHYNESS BEHAVIOUR IN TWO GERBILS. *In: Proceedings of the Second Symposium of Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 131-138. 1986. WR 213
[Cent. Arid Zone Res. Inst., Jodhpur, India] *Tatera indica* and *Meriones hurrianae*.

89-003646 Price, Roger D. and Ronald A. Hellenthal. *GEOMYDOECUS* (MALLOPHAGA: TRICHODECTIDAE) FROM THE CENTRAL AMERICAN POCKET GOPHERS OF THE SUBGENUS *ORTHOGEOMYS* (RODENTIA: GEOMYIDAE). *J. Med. Entomol.* 25(5):331-335. 1988. WR 213
[Dep. Entomol., Univ. Minn., St. Paul 55108] *O. grandis felipensis, O. g. alleni, O. g. grandis*, and *O. g. pygacanthus*.

89-003647 Rado, R.; H. Gev and J. Terkel. THE ROLE OF LIGHT IN ENTRAINING MOLE RATS' CIRCADIAN RHYTHM. *Isr. J. Zool.* 35(1-2):105-106. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel] *Spalax ehrenbergi*.

89-003648 Ramalhinho, Maria da Graca and Maria da Luz Mathias. *ARVICOLA TERRESTRIS MONTICOLA* DE SELYS-LONGCHAMPS, 1838 NEW TO PORTUGAL (RODENTIA, ARVICOLIDAE). *Mammalia* 52(3):429-431. 1988. WR 213
[Mus. Bocage, Rua Escola Politecnica, 1200 Lisbon, Portugal]

89-003649 Rebar, Cynthia Edith. COMPARATIVE LEARNING ABILITIES AND FORAGING STRATEGIES OF *DIPODOMYS MERRIAMI* AND *CHAETODIPUS INTERMEDIUS*. *Ph.D. dissertation, Kans. State Univ.* 135p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2465. 1989. Order No. DA8819245. WR 213

89-003650 Ritter, Martha Mae. LYME DISEASE IN INDIANA: ISOLATION OF *BORRELIA BURGDORFERI*-LIKE ORGANISMS FROM *DERMACENTOR VARIABILIS*. *Ph.D. dissertation, Ball State Univ.* 81p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2495. 1989. Order No. DA8820507. WR 213
Peromyscus leucopus.

89-003651 Rose, Robert K. and John W. Walke. SEASONAL USE OF NEST BOXES BY *PEROMYSCUS* AND *OCHROTOMYS* IN THE DISMAL SWAMP OF VIRGINIA. *Am. Midl. Nat.* 120(2):258-267. 1988. WR 213
[Dep. Biol. Sci., Old Dominion Univ., Norfolk, VA 23529] *P. leucopus* and *O. nuttalli*.

89-003652 Salit, Ali M.; M. Tantawy Omar and Talaat M. Zaghloul. THE INDIAN GERBIL, *TATERA INDICA*, IN KUWAIT: MORPHOLOGY, ECOLOGY AND CONTROL. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors*. p. 63-73. 1986. WR 213
[Insect & Rodent Control Div., Minist. Publ. Health, Kuwait]

OTHER RODENTS (CONTINUED)

89-003653 Sever, Z. and H. Mendelssohn. THE ROLE OF COPULATIONS IN MONOGAMOUS PORCUPINES. *Isr. J. Zool.* 35(1-2):86. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-003654 Sokolov, V. E. and G. I. Shenbrot. [DATA ON THE GEOGRAPHICAL VARIABILITY AND TAXONOMY OF PYGMY JERBOAS (RODENTIA CARDIOCRANIINAE) IN MONGOLIA.] *Zool. Zh.* 67(10):1561-1569. 1988. In Russian with English summ. WR 213
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] *Salpingotus kozlovi*, *S. crassicauda*, and *Cardiocranius paradoxus*.

89-003655 Spencer, Stephen R. and Guy N. Cameron. HOME RANGE OF THE FULVOUS HARVEST MOUSE (*REITHRODONTOMYS FULVESCENS*) ON THE TEXAS COASTAL PRAIRIE. *Am. Midl. Nat.* 120(2):250-257. 1988. WR 213
[Parks & Wildl. Dep., P.O. Box 8, Seabrook, TX 77586] *Sigmodon hispidus*.

89-003656 Stroh, James C. and Eugene D. Fleharty. MICROHABITAT UTILIZATION AND THE EFFECT OF SPECIES REMOVAL ON A POPULATION OF *PEROMYSCUS MANICULATUS* AND *REITHRODONTOMYS MEGALOTIS*. *Trans. Kans. Acad. Sci.* 91(3-4):132-138. 1988. WR 213
[Dep. Biol., Fort Hays State Univ., Hays, KS 67601]

89-003657 Sugawara, Moriyuki and Yoshio Oki. [THE INFLUENCE OF CASEIN LEVELS IN SEMISYNTHETIC DIETS ON THE GROWTH AND REPRODUCTION OF COMMON VOLES (*MICROTUS ARVALIS* PALLAS).] *Jpn. J. Zootech. Sci.* 59(11):929-935. 1988. In Japanese with English summ. WR 213
[Dep. Vet. Biochem., Nippon Vet. & Zootech. Coll., Musashino-shi 180, Japan]

89-003658 Tannenbaum, Michael G. and Edward B. Pivorun. SUMMER TORPOR IN MONTANE *PEROMYSCUS MANICULATUS*. *Am. Midl. Nat.* 121(1):194-197. 1989. WR 213
[Div. Sci., Northeast Mo. State Univ., Kirksville 63501]

89-003659 Timberlake, William and Donna L. Washburne. FEEDING ECOLOGY AND LABORATORY PREDATORY BEHAVIOR TOWARD LIVE AND ARTIFICIAL MOVING PREY IN SEVEN RODENT SPECIES. *Anim. Learn. Behav.* 17(1):2-11. 1989. WR 213
[Dep. Psychol., Indiana Univ., Bloomington 47405] *Onychomys Leucogaster*, *Meriones unguiculatus*, *Acomys cahirinus*, *Sigmodon hispidus*, *Peromyscus leucopus*, *P. maniculatus*, and *P. californicus*.

89-003660 Tolezano, J. E.; M. F. L. Araujo; J. M. F. Balanco; A. M. Valentim and M. L. Barca. *LEISHMANIA* SP ISOLATED FROM BLOOD HEART OF *AKODON* SP (RODENTIA, CRICETIDAE) CAUGHT IN IGUAPE CITY, SAO PAULO STATE, BRAZIL. *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:B1-27. 1988. Abstract only. WR 213
[Inst. Adolfo Lutz, Ave. Dr. Arnaldo 351, Sao Paulo, Brazil]

89-003661 Tsutsui, Kazuyoshi; Seiichiro Kawashima; Vishnu Kumar; Reena Kapania and Rajendra N. Saxena. PROPERTIES OF FOLLICLE-STIMULATING HORMONE RECEPTORS AND CHANGES DURING ANNUAL BREEDING CYCLE IN THE TESTIS OF SHORT-TAILED BANDICOOT RAT, *NESOKIA INDICA*. *Gen. Comp. Endocrinol.* 73(3):442-451. 1989. WR 213
[Zool. Inst., Fac. Sci., Hiroshima Univ., Naka-ku, Hiroshima 730, Japan]

OTHER RODENTS (CONTINUED)

89-003662 Urena, Francisco; Rodolfo Bolanos; Nancy Rojas; Roberto Suarez and Rafael Quesada. [SPERMATOGONIA TYPES IN THE "TEPEZCUINTLE", *CUNICULUS PACA*: A STUDY OF ULTRASTRUCTURE.] *Rev. Biol. Trop.* 36(2A):325-328. 1988. In Spanish with English summ. WR 213
[Unidad Microsc. Elect., Univ. Costa Rica, San Jose, Costa Rica]

89-003663 Wassif, Kamal and Sohail Soliman. TEETH WEAR PATTERNS OF THE GRINDING SURFACES OF MOLARS AS TOOLS IN RODENT TAXONOMY. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 107-115. 1986. WR 213
[Dep. Zool., Fac. Sci., Ain Shams Univ., Abbassia, Cairo, Egypt] *Gerbillus gerbillus* and *G. andersoni* in Egypt.

89-003664 Weiner, J. MAXIMUM ENERGY ASSIMILATION RATES IN THE DJUNGARIAN HAMSTER (*PHODOPUS SUNGORUS*). *Oecologia (Berl.)* 72(2):297-302. 1987. WR 213
[Dep. Anim. Ecol., Inst. Environ. Biol., Jagiellonian Univ., ul. Karasia 6, 30-060 Krakow, Poland]

89-003665 Wong, Y. C.; W. G. Breed and P. H. Chow. ULTRASTRUCTURAL FEATURES OF THE VENTRAL PROSTATE EPITHELIAL CELLS IN THE AUSTRALIAN PLAINS RAT, *PSEUDOMYS AUSTRALIS*. *Acta Anat.* 133(4):289-296. 1988. WR 213
[Dep. Anat., Fac. Med., Univ. Hong Kong, 5 Sasson Rd., Hong Kong]

89-003666 Woodman, Neal. SUBFOSSIL REMAINS OF *PEROMYSCUS STIRTONI* (MAMMALIA: RODENTIA) FROM COSTA RICA. *Rev. Biol. Trop.* 36(2A):247-253. 1988. In English with Spanish summ. WR 213
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045]

89-003667 Wywialowski, A. P. HABITAT STRUCTURE AND PREDATORS: CHOICES AND CONSEQUENCES FOR RODENT HABITAT SPECIALISTS AND GENERALISTS. *Oecologia (Berl.)* 72(1):39-45. 1987. WR 213
[Fish & Wildl. Res. Cent., 1110 College Ave., Columbia, MO 65201] *Peromyscus maniculatus* and *Clethrionomys glareolus*.

89-003668 Ylonen, Hannu. DIEL ACTIVITY AND DEMOGRAPHY IN AN ENCLOSED POPULATION OF THE VOLE *CLETHRIONOMYS GLAREOLUS* (SCHREB.). *Ann. Zool. Fenn.* 25(3):221-228. 1988. WR 213
[Univ. Jyvaskyla, Konnevesi Res. Stn., 44300 Konnevesi, Finland]

89-003669 Ylonen, Hannu; Taina Kojola and Jussi Viitala. CHANGING FEMALE SPACING BEHAVIOUR AND DEMOGRAPHY IN AN ENCLOSED BREEDING POPULATION OF *CLETHRIONOMYS GLAREOLUS*. *Holarct. Ecol.* 11(4):286-292. 1988. WR 213
[Dep. Biol., Univ. Jyvaskyla, Yliopistonkatu 9, SF-40100 Jyvaskyla, Finland]

89-003670 Zaghloul, Talaat M.; Mohammad Zakaria and Ali M. Salit. THE INDIAN GERBIL, *TATERA INDICA*, IN KUWAIT BIOTOXIC STUDIES, ECTO AND ENDOPARASITIC INFECTION. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 53-61. 1986. WR 213
[Insect & Rodent Control Div., Minist. Publ. Health, Kuwait]

CARNIVORES--GENERAL

89-003671 Delibes, Miguel; Lucina Hernandez and Fernando Hiraldo. [PRELIMINARY DATA ON THE ECOLOGY OF COYOTES AND BOBCATS (MAMMALIA, CARNIVORA) AT THE SOUTHERN CHIHUAHUAN DESERT, MEXICO.] *Hist. Nat.* 6(9):77-82. 1986. In Spanish with English summ. WR 213
[Estac. Biol. Donana, CSIC, Apdo. 1056, 41080 Seville, Spain]

89-003672 Evans, Richard H. CANINE DISTEMPER IN WILD CARNIVORES: DIAGNOSIS, TREATMENT, AND CONTROL. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:127-137. 1982. WR 213
[TreeHouse Wildl. Cent., Inc., RR #1, Box 125E, Brighton, IL 62012]

89-003673 Reig, Santiago and Wlodzimierz Jedrzejewski. WINTER AND EARLY SPRING FOOD OF SOME CARNIVORES IN THE BIALOWIEZA NATIONAL PARK, EASTERN POLAND. *Acta Theriol.* 33(5):57-65. 1988. In English with Polish summ. WR 213
[Unidad Zool. Apl., Apdo. 127, Alcala Henares, Madrid, Spain] *Vulpes vulpes, Canis lupus, Felis lynx,* and *Nyctereutes procyonoides.*

89-003674 Singh, Arjan. THE MAN-EATING PHENOMENON - AN ECOLOGICAL CRISIS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 432-436. 1986. WR 213
[Tiger Haven, P.O. Pallia, Dist. Kheri, U.P., India]

CANIDS

89-003675 Babb, Jeffrey G. and Michael L. Kennedy. AN ESTIMATE OF MINIMUM DENSITY FOR COYOTES IN WESTERN TENNESSEE. *J. Wildl. Manage.* 53(1):186-188. 1989. WR 213
[Dep. Biol., Memphis State Univ., Memphis, TN 38152] *Canis latrans.*

89-003676 Brochier, B.; I. Thomas; A. Lokem; A. Ginter; J. Kalpers; A. Paquot; F. Costy and P.-P. Pastoret. A FIELD TRIAL IN BELGIUM TO CONTROL FOX RABIES BY ORAL IMMUNISATION. *Vet. Rec.* 123(24):618-621. 1988. WR 213
[Dep. Virol., Fac. Vet. Med., Univ. Liege, 45 Rue Veterinaires, B-1070, Brussels, Belgium] *Vulpes vulpes.*

89-003677 Dayan, T.; E. Tchernov and Y. Yom-Tov. ECOLOGICAL CHARACTER DISPLACEMENT IN THE RED FOX (*VULPES VULPES*) IN THE SAHARO-ARABIAN REGION. *Isr. J. Zool.* 35(1-2):96-97. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-003678 Frankenberg, E. and D. Pevsner. CATTLE PREDATION AND CANID POPULATIONS ON THE GOLAN HEIGHTS. *Isr. J. Zool.* 35(1-2):102-103. 1988/89. Abstract only. WR 213
[Nat. Reserv. Authority, 78 Yirmeyahu St., 94467 Jerusalem, Israel]

89-003679 Fuller, Todd K. DENNING BEHAVIOR OF WOLVES IN NORTH-CENTRAL MINNESOTA. *Am. Midl. Nat.* 121(1):184-188. 1989. WR 213
[For. Wildl. Popul. & Res. Group, Dep. Nat. Resour., Grand Rapids, MN 55744] *Canis lupus.*

89-003680 Fuller, Todd King. WOLF POPULATION DYNAMICS IN NORTHCENTRAL MINNESOTA. *Ph.D. dissertation, Univ. Wis. (Madison)* 164p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2040. 1988. Order No. DA8810464. WR 213
Canis lupus and *Odocoileus virginianus.*

CANIDS (CONTINUED)

89-003681 Gese, Eric M.; Orrin J. Rongstad and William R. Mytton. POPULATION DYNAMICS OF COYOTES IN SOUTHEASTERN COLORADO. *J. Wildl. Manage.* 53(1):174-181. 1989. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Canis latrans.*

89-003682 Grafodatskii, A. S.; V. A. Potapov and T. P. Lushnikova. COMPARATIVE CYTOGENETICS OF THREE CANID SPECIES (CARNIVORA, CANIDAE). PART IV. DISTRIBUTION OF REPETITIVE DNA SEQUENCES ON CHROMOSOMES. *Sov. Genet. (Engl. Transl. Genetika)* 21(3):325-327. 1985. WR 213
[Inst. Cytol. & Genet., Acad. Sci., Siberian Branch, Novosibirsk, USSR]

89-003683 Harrison, Daniel J.; John A. Bissonette and James A. Sherburne. SPATIAL RELATIONSHIPS BETWEEN COYOTES AND RED FOXES IN EASTERN MAINE. *J. Wildl. Manage.* 53(1):181-185. 1989. WR 213
[Dep. Wildl., 240 Nutting Hall, Univ. Maine, Orono 04469] *Canis latrans* and *Vulpes vulpes.*

89-003684 Korhonen, Hannu and Mikko Harri. SOCIAL INFLUENCES ON PRODUCTIVE PERFORMANCE IN FARMED RACCOON DOGS. *Acta Agric. Scand.* 38(4):433-439. 1988. WR 213
[Dep. Appl. Zool., Univ. Kuopio, POB 6, SF-70211 Kuopio 21, Finland]

89-003685 Kozena, Ivana. DIET OF THE RED FOX *(VULPES VULPES)* IN AGROCOENOSES IN SOUTHERN MORAVIA. *Prirodoved. Pr. Ustavu Cesk. Akad. Ved Brne* 22(7):24p. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., Czechoslovak Acad. Sci., Kvetna 8, 603 65 Brno, Czechoslovakia]

89-003686 Lucius, R.; W. Bockler and Adrienn Susann Pfeiffer. [PARASITIC INFESTATION OF THE DOMESTIC AND WILD ANIMALS OF SCHLESWIG-HOLSTEIN: PARASITES OF THE INNER ORGANS OF THE RED FOX *(VULPES VULPES)*.] *Z. Jagdwiss.* 34(4):242-255. 1988. In German with English and French summ. WR 213

89-003687 Mello, Dalva A.; Frederico De A. Rego, Jr.; Elisa Oshozo and Vania L. B. Nunes. *CERDOCYON THOUS* (L.) (CARNIVORA, CANIDAE) NATURALLY INFECTED WITH *LEISHMANIA DONOVANI CHAGASI* (CUNHA & CHAGAS, 1973) IN CORUMBA (MATO GROSSO DO SUL STATE, BRAZIL). *Mem. Inst. Oswaldo Cruz Rio de J.* 83(2):259. 1988. WR 213
[Dep. Cienc. Saude, Univ. Fed. Sao Carlos, Caixa Postal 676, 13560 Sao Carlos, SP, Brazil]

89-003688 Monge-Najera, Julian and Bernal Morera-Brenes. [DISPERSAL OF THE COYOTE *(CANIS LATRANS)* AND EVIDENCE OF ITS OCCURRENCE IN COSTA RICA.] *Brenesia* No. 25-26. p. 251-260. 1986. In Spanish with English summ. WR 213
[Mus. Zool., Univ. Costa Rica, San Jose, Costa Rica]

89-003689 Moore, Adele T. THE USE OF COYOTES IN REHABILITATION/EDUCATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:201-209. 1988. WR 213
[TreeHouse Wildl. Cent., Inc., RR 1, Box 125E, Brighton, IL 62012] *Canis latrans.*

CANIDS (CONTINUED)

89-003690 Phillips, Michael K. PROGRESS OF THE RED WOLF RESTORATION PROJECT IN NORTH CAROLINA. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 426-434. 1988. WR 213
Canis rufus.

89-003691 Rouvinen, Kirsti; Tuomo Kiiskinen and Jaakko Makela. DIGESTIBILITY OF DIFFERENT FATS AND FATTY ACIDS IN THE BLUE FOX *(ALOPEX LAGOPUS)*. *Acta Agric. Scand.* 38(4):405-412. 1988. WR 213
[Agric. Res. Cent., Dep. Anim. Husbandry, SF-31600 Jokioinen, Finland]

89-003692 Shargo, Eric Samuel. HOME RANGE, MOVEMENTS, AND ACITIVITY PATTERNS OF COYOTES *(CANIS LATRANS)* IN LOS ANGELES SUBURBS. *Ph.D. dissertation, Univ. Calif. (Davis)* 124p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2975. 1989. Order No. DA8822885. WR 213

89-003693 Walsh, Patrick B. and Jack M. Inglis. SEASONAL AND DIEL RATE OF SPONTANEOUS VOCALIZATION IN COYOTES IN SOUTH TEXAS. *J. Mammal.* 70(1):169-171. 1989. WR 213
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Canis latrans*.

BEARS

89-003694 Aoi, Toshiki. HARVEST CHARACTERISTICS OF BROWN BEARS IN NORTHERN HOKKAIDO, JAPAN. *Int. Conf. Bear Res. Manage.* 7:93-95. 1987. WR 213
[Teshio Exp. For., Hokkaido Univ., Horonobe, Teshio 098-29, Japan] *Ursus arctos yesoensis*.

89-003695 Archibald, W. R.; R. Ellis and A. N. Hamilton. RESPONSES OF GRIZZLY BEARS TO LOGGING TRUCK TRAFFIC IN THE KIMSQUIT RIVER VALLEY, BRITISH COLUMBIA. *Int. Conf. Bear Res. Manage.* 7:251-257. 1987. WR 213
[Minist. Environ., Wildl. Branch, 780 Blanshard St., Victoria, BC, Canada V8V 1X5] *Ursus arctos* in Canada.

89-003696 Ayres, Lee Anne; Leslie S. Chow and David M. Graber. BLACK BEAR ACTIVITY PATTERNS AND HUMAN INDUCED MODIFICATIONS IN SEQUOIA NATIONAL PARK. *Int. Conf. Bear Res. Manage.* 6:151-154. 1986. WR 213
[P.O. Box 1029, Kotzebue, AK 99752] *Ursus americanus* in California.

89-003697 Bader, Mike. HABITUATION IN YELLOWSTONE'S GRIZZLY BEARS: A SPECIAL PROBLEM IN WILDLIFE MANAGEMENT. *West. Wildlands* 14(4):25-29. 1989. WR 213
Ursus arctos horribilis.

89-003698 Barber, Kim R. and Frederick G. Lindzey. BREEDING BEHAVIOR OF BLACK BEARS. *Int. Conf. Bear Res. Manage.* 6:129-136. 1986. WR 213
[U.S. For. Serv., Mountain City, NV 89831] *Ursus americanus* in Washington.

89-003699 Bjarvall, Anders and Finn Sandegren. EARLY EXPERIENCES WITH THE FIRST RADIO-MARKED BROWN BEARS IN SWEDEN. *Int. Conf. Bear Res. Manage.* 7:9-12. 1987. WR 213

BEARS (CONTINUED)

89-003699 CONTINUED
[Environ. Protection Board, Box 1302, S-171 25 Solna, Sweden] *Ursus arctos.*

89-003700 Blanchard, Bonnie M. SIZE AND GROWTH PATTERNS OF THE YELLOWSTONE GRIZZLY BEAR. *Int. Conf. Bear Res. Manage.* 7:99-107. 1987. WR 213
[For. Sci. Lab., Mont. State Univ., Bozeman 59717] *Ursus arctos horribilis.*

89-003701 Boscagli, Giorgio. BROWN BEAR MORTALITY IN CENTRAL ITALY FROM 1970 TO 1984. *Int. Conf. Bear Res. Manage.* 7:97-98. 1987. WR 213
[Gruppo Orso Italia, Cent. Studi Ecol. Appenninici, 67032 Pescasseroli, L'Aquila, Italy] *Ursus arctos.*

89-003702 Brody, Allan J. and Jeff N. Stone. TIMBER HARVEST AND BLACK BEAR POPULATION DYNAMICS IN A SOUTHERN APPALACHIAN FOREST. *Int. Conf. Bear Res. Manage.* 7:243-250. 1987. WR 213
[Dep. Ecol. & Behav. Biol., Univ. Minn., 318 Church St. SE, Minneapolis 55455] *Ursus americanus.*

89-003703 Camarra, J. J. CHANGES IN BROWN BEAR PREDATION ON LIVESTOCK IN THE WESTERN FRENCH PYRENEES FROM 1968 TO 1979. *Int. Conf. Bear Res. Manage.* 6:183-186. 1986. WR 213
[Off. Natl. Chasse, 64490 Etsaut, France] *Ursus arctos pyrenaicus.*

89-003704 Carney, Daniel W. and Michael R. Vaughan. SURVIVAL OF INTRODUCED BLACK BEAR CUBS IN SHENANDOAH NATIONAL PARK, VIRGINIA. *Int. Conf. Bear Res. Manage.* 7:83-85. 1987. WR 213
[Box 31, E. Glacier Park, MT 59434] *Ursus americanus.*

89-003705 Caussimont, G. and F. Fillat. [BROWN BEAR *(URSUS ARCTOS)* IN THE ARAGONESE AND NAVARRESE PYRENEES. FIRST RESULTS OF A FIELD INVESTIGATION: 1983-86.] *Pirineos* 128:129-140. 1986. In Spanish with English summ. From Ecol. Abstr. 88/6:88L/8372. 1988. WR 213

89-003706 Cicnjak, Lidija; Djuro Huber; Hans U. Roth; Robert L. Ruff and Zvonimir Vinovrski. FOOD HABITS OF BROWN BEARS IN PLITVICE LAKES NATIONAL PARK, YUGOSLAVIA. *Int. Conf. Bear Res. Manage.* 7:221-226. 1987. WR 213
[Biol. Dep., Vet. Fac., Heinzelova 55, 41000 Zagreb, Yugoslavia] *Ursus arctos.*

89-003707 Claar, James J.; Robert W. Klaver and Christopher W. Servheen. GRIZZLY BEAR MANAGEMENT ON THE FLATHEAD INDIAN RESERVATION, MONTANA. *Int. Conf. Bear Res. Manage.* 6:203-208. 1986. WR 213
[U.S. Bur. Indian Affairs, P.O. Box A, Pablo, MT 59855] *Ursus arctos horribilis.*

89-003708 Clevenger, Anthony P.; Francisco J. Purroy and Mario Saenz de Buruaga. STATUS OF THE BROWN BEAR IN THE CANTABRIAN MOUNTAINS, SPAIN. *Int. Conf. Bear Res. Manage.* 7:1-8. 1987. WR 213
[Dep. Biol. Anim., Univ. Leon, 24071 Leon, Spain] *Ursus arctos.*

89-003709 Darling, Laura M. HABITAT USE BY GRIZZLY BEAR FAMILY GROUPS IN INTERIOR ALASKA. *Int. Conf. Bear Res. Manage.* 7:169-178. 1987. WR 213
[Dep. Biol., Fish. & Wildl., Univ. Alaska, Fairbanks 99775-1780] *Ursus arctos.*

BEARS (CONTINUED)

89-003710 Dean, Frederick C. BROWN BEAR DENSITY, DENALI NATIONAL PARK, ALASKA, AND SIGHTING EFFICIENCY ADJUSTMENT. *Int. Conf. Bear Res. Manage.* 7:37-43. 1987. WR 213
[Dep. Biol., Fish. & Wildl., Univ. Alaska, Fairbanks 99775-1780] *Ursus arctos.*

89-003711 Elgmork, Kare. THE CRYPTIC BROWN BEAR POPULATIONS OF NORWAY. *Int. Conf. Bear Res. Manage.* 7:13-16. 1987. WR 213
[Dep. Biol., Div. Zool., Univ. Oslo, Blindern, N-0316 Oslo 3, Norway] *Ursus arctos.*

89-003712 Fies, Michael L.; Dennis D. Martin and Gerald T. Blank, Jr. MOVEMENTS AND RATES OF RETURN OF TRANSLOCATED BLACK BEARS IN VIRGINIA. *Int. Conf. Bear Res. Manage.* 7:369-372. 1987. WR 213
[Comm. Game & Inland Fish., Rt. 6, Box 484-A, Staunton, VA 24401] *Ursus americanus.*

89-003713 Foresman, Kerry R. and Paul M. Gagnon. PLASMA PROTEIN PROFILE AS AN INDEX OF PREGNANCY IN THE BLACK BEAR. *Int. Conf. Bear Res. Manage.* 6:223-226. 1986. WR 213
[Dep. Zool., Univ. Mont., Missoula 59812] *Ursus americanus.*

89-003714 Frkovic, Alojzije; Robert L. Ruff; Lidija Cicnjak and Djuro Huber. BROWN BEAR MORTALITY DURING 1946-85 IN GORSKI KOTAR, YUGOSLAVIA. *Int. Conf. Bear Res. Manage.* 7:87-92. 1987. WR 213
[Delnice For. Enterprise, Supilova 32, 51300 Delnice, Yugoslavia] *Ursus arctos.*

89-003715 Garner, Nathan P. and Michael R. Vaughan. BLACK BEARS' USE OF ABANDONED HOMESITES IN SHENANDOAH NATIONAL PARK. *Int. Conf. Bear Res. Manage.* 7:151-157. 1987. WR 213
[Dep. Fish & Wildl. Sci., VPI&SU, Blacksburg, VA 24061] *Ursus americanus* in Virginia.

89-003716 Garshelis, David L.; Karen V. Noyce and Patrick D. Karns. YOHIMBINE AS AN ANTAGONIST TO KETAMINE-XYLAZINE IMMOBILIZATION IN BLACK BEARS. *Int. Conf. Bear Res. Manage.* 7:323-327. 1987. WR 213
[For. Wildl. Popul. & Res. Group, Dep. Nat. Resour., 1201 E. Hwy. 2, Grand Rapids, MN 55744] *Ursus americanus* in Minnesota.

89-003717 Giusti, Gregory A. and Robert H. Schmidt. HUMANS, BEARS AND REDWOODS: A NEED FOR APPLIED ENVIRONMENTALISM. *Trans. West. Sect. Wildl. Soc.* 24:135-143. 1988. WR 213
[Univ. Calif. Coop. Ext., 981 H. St., Crescent City, CA 95531]

89-003718 Grenfell, William E. and Allan J. Brody. BLACK BEAR HABITAT USE IN TAHOE NATIONAL FOREST, CALIFORNIA. *Int. Conf. Bear Res. Manage.* 6:65-72. 1986. WR 213
[Dep. Fish & Game, 1416 Ninth St., Sacramento, CA 95814] *Ursus americanus.*

89-003719 Hamer, David and Stephen Herrero. GRIZZLY BEAR FOOD AND HABITAT IN THE FRONT RANGES OF BANFF NATIONAL PARK, ALBERTA. *Int. Conf. Bear Res. Manage.* 7:199-213. 1987. WR 213

BEARS (CONTINUED)

89-003719 CONTINUED
[Environ. Sci., Northern Lights Coll., Box 1000, Fort St. John, BC, Canada V1J 6K1] *Ursus arctos* in Canada.

89-003720 Hamer, David and Stephen Herrero. WILDFIRE'S INFLUENCE ON GRIZZLY BEAR FEEDING ECOLOGY IN BANFF NATIONAL PARK, ALBERTA. *Int. Conf. Bear Res. Manage.* 7:179-186. 1987. WR 213
[Environ. Sci., Northern Lights Coll., Box 1000, Fort St. John, BC, Canada V1J 6K1] *Ursus arctos* in Canada.

89-003721 Hamilton, A. N. and F. L. Bunnell. FORAGING STRATEGIES OF COASTAL GRIZZLY BEARS IN THE KIMSQUIT RIVER VALLEY, BRITISH COLUMBIA. *Int. Conf. Bear Res. Manage.* 7:187-197. 1987. WR 213
[Minist. Environ., Wildl. Branch, 780 Blanshard St., Victoria, BC, Canada V8V 1X5] *Ursus arctos* in Canada.

89-003722 Harris, Richard B. and Lee H. Metzgar. HARVEST AGE STRUCTURES AS INDICATORS OF DECLINE IN SMALL POPULATIONS OF GRIZZLY BEARS. *Int. Conf. Bear Res. Manage.* 7:109-116. 1987. WR 213
[Coop. Wildl. Res. Unit, Univ. Mont., Missoula 59812] *Ursus arctos horribilis.*

89-003723 Hastings, Bruce C.; Barrie K. Gilbert and David L. Turner. BLACK BEAR AGGRESSION IN THE BACKCOUNTRY OF YOSEMITE NATIONAL PARK. *Int. Conf. Bear Res. Manage.* 6:145-149. 1986. WR 213
[Dep. For., Wildl. & Fish, Univ. Tenn., Knoxville 37901-1071] *Ursus americanus* in California.

89-003724 Hazumi, Toshihiro and Naoki Maruyama. MOVEMENTS AND HABITAT USE OF JAPANESE BLACK BEARS IN NIKKO. *Int. Conf. Bear Res. Manage.* 7:275-279. 1987. WR 213
[5-21-2 Masukata, Tamaku, Kawasaki 214, Japan] *Ursus thibetanus.*

89-003725 Hazumi, Toshihiro and Naoki Maruyama. MOVEMENTS AND HOME RANGES OF JAPANESE BLACK BEARS IN NIKKO. *Int. Conf. Bear Res. Manage.* 6:99-101. 1986. WR 213
[Lab. Nat. Conserv., Fac. Agric., Tokyo Noko Univ., 3-5-8 Saiwaicho, Fuchu, Tokyo 183, Japan] *Ursus thibetanus* in Japan.

89-003726 Hellgren, Eric C. and Michael R. Vaughan. HOME RANGE AND MOVEMENTS OF WINTER-ACTIVE BLACK BEARS IN THE GREAT DISMAL SWAMP. *Int. Conf. Bear Res. Manage.* 7:227-234. 1987. WR 213
[Dep. Fish. & Wildl. Sci., VPI&SU, Blacksburg, VA 24061] *Ursus americanus* in Virginia and North Carolina.

89-003727 Herrero, Stephen; Wayne McCrory and Brian Pelchat. USING GRIZZLY BEAR HABITAT EVALUATIONS TO LOCATE TRAILS AND CAMPSITES IN KANANASKIS PROVINCIAL PARK. *Int. Conf. Bear Res. Manage.* 6:187-193. 1986. WR 213
[Fac. Environ. Design & Dep. Biol., Univ. Calgary, Calgary, AB, Canada T2N 1N4] *Ursus arctos.*

BEARS (CONTINUED)

89-003728 Huber, Djuro and Hans U. Roth. HOME RANGES AND MOVEMENTS OF BROWN BEARS IN PLITVICE LAKES NATIONAL PARK, YUGOSLAVIA. *Int. Conf. Bear Res. Manage.* 6:93-97. 1986. WR 213
[Biol. Dep., Vet. Fac., Heinzelova 55, 41000 Zagreb, Yugoslavia] *Ursus arctos.*

89-003729 Jamnicky, Blanka; Djuro Huber and Hans U. Roth. ON SERUM CHEMISTRY OF BROWN BEARS IN CROATIA, YUGOSLAVIA. *Int. Conf. Bear Res. Manage.* 7:351-353. 1987. WR 213
[Res. Inst., SOUR Pliva, I.L. Ribara 89, 41000 Zagreb, Yugoslavia] *Ursus americanus.*

89-003730 Johnson, Kenneth G.; Boyd L. Dearden and Michael R. Pelton. COMPUTER-ASSISTED MANAGEMENT AND ANALYSIS OF BIOLOGICAL DATA FOR BEARS. *Int. Conf. Bear Res. Manage.* 6:195-201. 1986. WR 213
[Dep. For., Wildl., & Fish., Univ. Tenn., Knoxville 37901-1071] *Ursus americanus.*

89-003731 Judd, Steven L.; Richard R. Knight and Bonnie M. Blanchard. DENNING OF GRIZZLY BEARS IN THE YELLOWSTONE NATIONAL PARK AREA. *Int. Conf. Bear Res. Manage.* 6:111-117. 1986. WR 213
[Colville Confed. Tribes, P.O. Box 150, Nespelem, WA 99155] *Ursus arctos* in Montana, Idaho, and Wyoming.

89-003732 Knight, R. R. and L. L. Eberhardt. PROSPECTS FOR YELLOWSTONE GRIZZLY BEARS. *Int. Conf. Bear Res. Manage.* 7:45-50. 1987. WR 213
[For. Sci. Lab., Mont. State Univ., Bozeman 59717] *Ursus arctos horribilis* in Montana and Wyoming.

89-003733 Kolenosky, George B.; Nicholas J. Lunn; Craig J. Greenwood and Kenneth F. Abraham. ESTIMATING THE WEIGHT OF POLAR BEARS FROM BODY MEASUREMENTS. *J. Wildl. Manage.* 53(1):188-190. 1989. WR 213
[Minist. Nat. Resour., Wildl. Res. Sect., P.O. Box 50, Maple, ON, Canada L0J 1E0] *Ursus maritimus.*

89-003734 Kolenosky, George B. THE EFFECTS OF HUNTING ON AN ONTARIO BLACK BEAR POPULATION. *Int. Conf. Bear Res. Manage.* 6:45-55. 1986. WR 213
[Wildl. Res. Sect., Minist. Nat. Resour., P.O. Box 50, Maple, ON, Canada L0J 1E0] *Ursus americanus* in Canada.

89-003735 Kolenosky, George B. and Stewart M. Strathearn. WINTER DENNING OF BLACK BEARS IN EAST-CENTRAL ONTARIO. *Int. Conf. Bear Res. Manage.* 7:305-316. 1987. WR 213
[Minist. Nat. Resour., Wildl. Res. Sect., P.O. Box 50, Maple, ON, Canada L0J 1E0] *Ursus americanus* in Canada.

89-003736 LeCount, A. L. and K. L. Baldwin. THE BEAR IN THE CLASSROOM. *Int. Conf. Bear Res. Manage.* 6:209-217. 1986. WR 213
[Game & Fish Dep., P.O. Box 2357, Camp Verde, AZ 86322]

89-003737 LeCount, Albert L. CAUSES OF BLACK BEAR CUB MORTALITY. *Int. Conf. Bear Res. Manage.* 7:75-82. 1987. WR 213
[Game & Fish Dep., 2222 W. Greenway Rd., Phoenix, AZ 85023] *Ursus americanus* in Arizona.

BEARS (CONTINUED)

89-003738 Lindzey, Frederick G.; Kim R. Barber; Rockney D. Peters and E. Charles Meslow. RESPONSES OF A BLACK BEAR POPULATION TO A CHANGING ENVIRONMENT. *Int. Conf. Bear Res. Manage.* 6:57-63. 1986. WR 213
[Coop. Wildl. Res. Unit., Box 3166, Univ. Stn., Laramie, WY 82071] *Ursus americanus* in Washington.

89-003739 Mace, Richard D. and Charles J. Jonkel. LOCAL FOOD HABITS OF THE GRIZZLY BEAR IN MONTANA. *Int. Conf. Bear Res. Manage.* 6:105-110. 1986. WR 213
[Dep. Fish., Wildl. & Parks, Box 67, Kalispell, MT 59903] *Ursus arctos horribilis.*

89-003740 Mano, Tsutomu. POPULATION CHARACTERISTICS OF BROWN BEARS ON OSHIMA PENINSULA, HOKKAIDO. *Int. Conf. Bear Res. Manage.* 7:69-73. 1987. WR 213
[Inst. Appl. Zool., Fac. Agric., Hokkaido Univ., Sapporo 060, Japan] *Ursus arctos* in Japan.

89-003741 Manville, Albert M. II. DEN SELECTION AND USE BY BLACK BEARS IN MICHIGAN'S NORTHERN LOWER PENINSULA. *Int. Conf. Bear Res. Manage.* 7:317-322. 1987. WR 213
[Wildl. Manage. Program, Defenders Wildl., 1244 19th St., NW, Washington, DC 20036] *Ursus americanus.*

89-003742 Mason, Andrew C. and David L. Adams. BLACK BEAR DAMAGE TO THINNED TIMBER STANDS IN NORTHWEST MONTANA. *West. J. Appl. For.* 4(1):10-13. 1989. WR 213
[Sullivan Lake Ranger Dist., Colville Natl. For., Metaline Falls, WA 99153] *Ursus americanus.*

89-003743 Mattson, D. J.; R. R. Knight and B. M. Blanchard. THE EFFECTS OF DEVELOPMENTS AND PRIMARY ROADS ON GRIZZLY BEAR HABITAT USE IN YELLOWSTONE NATIONAL PARK, WYOMING. *Int. Conf. Bear Res. Manage.* 7:259-273. 1987. WR 213
[For. Sci. Lab., Mont. State Univ., Bozeman 59717] *Ursus arctos.*

89-003744 McCullough, Dale R. THE CRAIGHEADS' DATA ON YELLOWSTONE GRIZZLY BEAR POPULATIONS: RELEVANCE TO CURRENT RESEARCH AND MANAGEMENT. *Int. Conf. Bear Res. Manage.* 6:21-32. 1986. WR 213
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Ursus arctos horribilis* in Wyoming.

89-003745 Miller, Gary D. FIELD TESTS OF POTENTIAL POLAR BEAR REPELLENTS. *Int. Conf. Bear Res. Manage.* 7:383-390. 1987. WR 213
[Biol. Dep., Univ. N.M., Albuquerque 87131] *Ursus maritimus.*

89-003746 Miller, Sterling D.; Earl F. Becker and Warren B. Ballard. BLACK AND BROWN BEAR DENSITY ESTIMATES USING MODIFIED CAPTURE-RECAPTURE TECHNIQUES IN ALASKA. *Int. Conf. Bear Res. Manage.* 7:23-35. 1987. WR 213
[Dep. Fish & Game, 333 Raspberry Rd., Anchorage, AK 99518-1599] *Ursus arctos* and *U. americanus.*

BEARS (CONTINUED)

89-003747 Miller, Sterling D. and Mark A. Chihuly. CHARACTERISTICS OF NONSPORT BROWN BEAR DEATHS IN ALASKA. *Int. Conf. Bear Res. Manage.* 7:51-58. 1987. WR 213
[Dep. Fish & Game, 333 Raspberry Rd., Anchorage, AK 99518-1599] *Ursus arctos.*

89-003748 Mollohan, Cheryl; Ward W. Brady and Albert L. LeCount. HABITAT USE OF AN ARIZONA PONDEROSA PINE-MIXED CONIFER FOREST BY FEMALE BLACK BEARS. *West. J. Appl. For.* 4(1):6-10. 1989. WR 213
[North. Ariz. Univ., School For., Flagstaff 86001]

89-003749 Mollohan, Cheryl M. CHARACTERISTICS OF ADULT FEMALE BLACK BEAR DAYBEDS IN NORTHERN ARIZONA. *Int. Conf. Bear Res. Manage.* 7:145-149. 1987. WR 213
[Game & Fish Dep., 2222 Greenway Rd., Phoenix, AZ 85023] *Ursus americanus.*

89-003750 Monfort, S. L.; K. D. Dahl; N. M. Czekala; L. Stevens; M. Bush and D. E. Wildt. MONITORING OVARIAN FUNCTION AND PREGNANCY IN THE GIANT PANDA *(AILUROPODA MELANOLEUCA)* BY EVALUATING URINARY BIOACTIVE FSH AND STEROID METABOLITES. *J. Reprod. Fertil.* 85(1):203-212. 1989. WR 213
[Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

89-003751 Nelson, E. E. BLACK BEARS PREFER UREA-FERTILIZED TREES. *West. J. Appl. For.* 4(1):13-15. 1989. WR 213
[U.S. For. Serv., Pac. Northwest Res. Stn., For. Sci. Lab., 3200 Jefferson Way, Corvallis, OR 97331] *Ursus americanus* in Oregon.

89-003752 Nelson, Ralph A. and James D. Jones. LEUCINE METABOLISM IN THE BLACK BEAR. *Int. Conf. Bear Res. Manage.* 7:329-331. 1987. WR 213
[Carle Found. & Coll. Med., Univ. Ill., Urbana 61801] *Ursus americanus.*

89-003753 Ohdachi, Satoshi and Toshiki Aoi. FOOD HABITS OF BROWN BEARS IN HOKKAIDO, JAPAN. *Int. Conf. Bear Res. Manage.* 7:215-220. 1987. WR 213
[Inst. Appl. Zool., Hokkaido Univ., Sapporo 060, Japan] *Ursus arctos yesoensis.*

89-003754 Osti, Fabio. STATUS OF A REMNANT BROWN BEAR POPULATION IN TRENTINO, ITALY: 1981-85. *Int. Conf. Bear Res. Manage.* 7:17-18. 1987. WR 213
[Parks & State For. Serv., Prov. Trentino, I-38100 Trentino, Italy] *Ursus arctos.*

89-003755 Pelchat, Brian O. and Robert L. Ruff. HABITAT AND SPATIAL RELATIONSHIPS OF BLACK BEARS IN BOREAL MIXEDWOOD FOREST OF ALBERTA. *Int. Conf. Bear Res. Manage.* 6:81-92. 1986. WR 213
[Dep. Renewable Resour., Whitehorse, YK, Canada Y1A 2C6] *Ursus americanus* in Canada.

89-003756 Peyton, Bernard. HABITAT COMPONENTS OF THE SPECTACLED BEAR IN MACHU PICCHU, PERU. *Int. Conf. Bear Res. Manage.* 7:127-133. 1987. WR 213
[Mus. Vertebr. Zool., Univ. Calif., 2595 Life Sci. Bldg., Berkeley 94720] *Tremarctos ornatus.*

BEARS (CONTINUED)

89-003757 Peyton, Bernard. CRITERIA FOR ASSESSING HABITAT QUALITY OF THE SPECTACLED BEAR IN MACHU PICCHU, PERU. *Int. Conf. Bear Res. Manage.* 7:135-143. 1987. WR 213
[Mus. Vertebr. Zool., Univ. Calif., 2595 Life Sci. Bldg., Berkeley 94720] *Tremarctos ornatus.*

89-003758 Pharris, Larry D. and Joseph D. Clark. ARKANSAS BLACK BEAR HUNTER SURVEY. *Int. Conf. Bear Res. Manage.* 7:373-375. 1987. WR 213
[Game & Fish Comm., 2 Natural Resources Dr., Little Rock, AR 72205] *Ursus americanus.*

89-003759 Phillips, Michael K. BEHAVIOR AND HABITAT USE OF GRIZZLY BEARS IN NORTHEASTERN ALASKA. *Int. Conf. Bear Res. Manage.* 7:159-167. 1987. WR 213
[Alligator River Natl. Wildl. Refuge, P.O. Box 1969, Manteo, NC 27954] *Ursus arctos.*

89-003760 Picton, Harold D. and Richard R. Knight. USING CLIMATE DATA TO PREDICT GRIZZLY BEAR LITTER SIZE. *Int. Conf. Bear Res. Manage.* 6:41-44. 1986. WR 213
[Dep. Biol., Mont. State Univ., Bozeman 59717] *Ursus arctos horribilis.*

89-003761 Picton, Harold D. A POSSIBLE LINK BETWEEN YELLOWSTONE AND GLACIER GRIZZLY BEAR POPULATIONS. *Int. Conf. Bear Res. Manage.* 6:7-10. 1986. WR 213
[Dep. Biol., Mont. State Univ., Bozeman 59717] *Ursus arctos horribilis* in Montana and Wyoming.

89-003762 Pond, Caroline. BEARING UP IN THE ARCTIC. *New Sci.* 121(1650):40-46. 1989. WR 213
[Dep. Biol., Open Univ., Milton Keynes, England] *Ursus maritimus.*

89-003763 Powell, Roger A. BLACK BEAR HOME RANGE OVERLAP IN NORTH CAROLINA AND THE CONCEPT OF HOME RANGE APPLIED TO BLACK BEARS. *Int. Conf. Bear Res. Manage.* 7:235-242. 1987. WR 213
[Dep. Zool. & Dep. For., N.C. State Univ., Raleigh 27659-7617] *Ursus americanus.*

89-003764 Pulliainen, Erkki. BROWN BEAR IMMIGRATION INTO FINLAND FROM THE EAST. *Int. Conf. Bear Res. Manage.* 6:15-20. 1986. WR 213
[Dep. Zool., Univ. Oulu, SF-90570 Oulu, Finland] *Ursus arctos.*

89-003765 Reynolds, Patricia E.; Harry V. Reynolds III and Erich H. Follmann. RESPONSES OF GRIZZLY BEARS TO SEISMIC SURVEYS IN NORTHERN ALASKA. *Int. Conf. Bear Res. Manage.* 6:169-175. 1986. WR 213
[U.S. Fish & Wildl. Serv., 101 12th Ave., Fairbanks, AK 99701] *Ursus arctos.*

89-003766 Roth, Hans U. and Djuro Huber. DIEL ACTIVITY OF BROWN BEARS IN PLITVICE LAKES NATIONAL PARK, YUGOSLAVIA. *Int. Conf. Bear Res. Manage.* 6:177-181. 1986. WR 213
[Dep. Vertebr., Inst. Zool., Univ. Bern, 3012 Bern, Switzerland] *Ursus arctos.*

BEARS (CONTINUED)

89-003767 Schoen, John W.; Jack W. Lentfer and Lavern Beier. DIFFERENTIAL DISTRIBUTION OF BROWN BEARS ON ADMIRALTY ISLAND, SOUTHEAST ALASKA: A PRELIMINARY ASSESSMENT. *Int. Conf. Bear Res. Manage.* 6:1-5. 1986. WR 213
[Dep. Fish & Game, P.O. Box 20, Douglas, AK 99824] *Ursus arctos.*

89-003768 Schoen, John W.; Lavern R. Beier; Jack W. Lentfer and Loyal J. Johnson. DENNING ECOLOGY OF BROWN BEARS ON ADMIRALTY AND CHICHAGOF ISLANDS. *Int. Conf. Bear Res. Manage.* 7:293-304. 1987. WR 213
[Dep. Fish & Game, P.O. Box 20, Douglas, AK 99824] *Ursus arctos* in Alaska.

89-003769 Schroeder, Mark T. BLOOD CHEMISTRY, HEMATOLOGY, AND CONDITION EVALUATION OF BLACK BEARS IN NORTH COASTAL CALIFORNIA. *Int. Conf. Bear Res. Manage.* 7:333-349. 1987. WR 213
[U.S. Natl. Park Serv., Grand Teton Natl. Park, P.O. Drawer 170, Moose, WY 83012] *Ursus americanus.*

89-003770 Schwartz, Charles C.; Sterling D. Miller and Albert W. Franzmann. DENNING ECOLOGY OF THREE BLACK BEAR POPULATIONS IN ALASKA. *Int. Conf. Bear Res. Manage.* 7:281-291. 1987. WR 213
[Dep. Fish & Game, Box 3150, Soldotna, AK 99669] *Ursus americanus.*

89-003771 Servheen, Christopher; Wayne Kasworm and Alan Christensen. APPROACHES TO AUGMENTING GRIZZLY BEAR POPULATIONS IN THE CABINET MOUNTAINS OF MONTANA. *Int. Conf. Bear Res. Manage.* 7:363-367. 1987. WR 213
[U.S. Fish & Wildl. Serv., HS 105D, Univ. Mont., Missoula 59812] *Ursus arctos horribilis.*

89-003772 Smith, Tommy R. ACTIVITY AND BEHAVIOR OF DENNED BLACK BEARS IN THE LOWER MISSISSIPPI RIVER VALLEY. *Int. Conf. Bear Res. Manage.* 6:137-143. 1986. WR 213
[Everglades Natl. Park, S. Fla. Res. Cent., P.O. Box 279, Homestead 33030] *Ursus americanus* in Arkansas.

89-003773 Stelmock, Jim J. and Frederick C. Dean. BROWN BEAR ACTIVITY AND HABITAT USE, DENALI NATIONAL PARK - 1980. *Int. Conf. Bear Res. Manage.* 6:155-167. 1986. WR 213
Ursus arctos in Alaska.

89-003774 Stringham, Stephen F. EFFECTS OF CLIMATE, DUMP CLOSURE, AND OTHER FACTORS ON YELLOWSTONE GRIZZLY BEAR LITTER SIZE. *Int. Conf. Bear Res. Manage.* 6:33-39. 1986. WR 213
[Wildwatch Ecol. Res. Stn., HCR 34 Box 57-B, Killington, VT 05751] *Ursus arctos* in Wyoming.

89-003775 Swenson, Jon E.; Wayne F. Kasworm; Shawn T. Stewart; Claire A. Simmons and Keith Aune. INTERPOPULATION APPLICABILITY OF EQUATIONS TO PREDICT LIVE WEIGHT IN BLACK BEARS. *Int. Conf. Bear Res. Manage.* 7:359-362. 1987. WR 213
[Dep. Zool., Univ. Alberta, Edmonton, AB, Canada T6G 2E9] *Ursus americanus.*

89-003776 Taylor, Mitchell K. MOVEMENTS OF ALASKAN POLAR BEARS INSTRUMENTED WITH SATELLITE TRANSMITTERS. *Int. Conf. Bear Res. Manage.* 6:103-104. 1986. WR 213

BEARS (CONTINUED)

89-003776 CONTINUED
[Wildl. Manage. Div., Dep. Renewable Resour., Yellowknife, NT, Canada X1A 2L9] *Ursus maritimus*.

89-003777 Taylor, Mitchell K. THE EFFECT OF RADIO TRANSMITTER HARNESSES ON FREE-RANGING POLAR BEARS. *Int. Conf. Bear Res. Manage.* 6:219-221. 1986. WR 213
[Wildl. Manage. Div., Dep. Renewable Resour., Yellowknife, NT, Canada X1A 2L9] *Ursus maritimus* in Canada.

89-003778 Taylor, Mitchell; Fred Bunnell; Douglas DeMaster; Ray Schweinsburg and John Smith. ANURSUS: A POPULATION ANALYSIS SYSTEM FOR POLAR BEARS *(URSUS MARITIMUS)*. *Int. Conf. Bear Res. Manage.* 7:117-125. 1987. WR 213
[Dep. Renewable Resour., Yellowknife, NT, Canada X1A 2L9]

89-003779 Trevino, Jose C. and Charles Jonkel. DO GRIZZLY BEARS STILL LIVE IN MEXICO? *Int. Conf. Bear Res. Manage.* 6:11-13. 1986. WR 213
[Dir. Gen. Fauna Silvestre, S.A.R.H. Arquitectura 919, Col. Universidad, Chihuahua, 31170 Mexico] *Ursus arctos*.

89-003780 Tsubota, Toshio; Yoshiyuki Takahashi and Hiroshi Kanagawa. CHANGES IN SERUM PROGESTERONE LEVELS AND GROWTH OF FETUSES IN HOKKAIDO BROWN BEARS. *Int. Conf. Bear Res. Manage.* 7:355-358. 1987. WR 213
[Dep. Theriogenol., Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan] *Ursus arctos yesoensis*.

89-003781 Warner, Susan H. VISITOR IMPACT ON BROWN BEARS, ADMIRALTY ISLAND, ALASKA. *Int. Conf. Bear Res. Manage.* 7:377-382. 1987. WR 213
[Coop. Wildl. Res. Unit, 211 Irving, Univ. Alaska, Fairbanks 99775] *Ursus arctos*.

89-003782 Wathen, William G.; Kenneth G. Johnson and Michael R. Pelton. CHARACTERISTICS OF BLACK BEAR DENS IN THE SOUTHERN APPALACHIAN REGION. *Int. Conf. Bear Res. Manage.* 6:119-127. 1986. WR 213
[Dep. For. Wildl. & Fish., Univ. Tenn., Knoxville 37901-1071] *Ursus americanus*.

89-003783 Weber, Peter. [OBSERVATIONS OF MUTUAL CONTACTS IN A BEAR POPULATION.] *Folia Zool.* 37(3):231-239. 1988. In German with English and Russian summ. WR 213
[Str. M. Kogalniceanu 19, 3125 Medias, Romania] *Ursus arctos arctos*.

89-003784 Weber, Peter. OBSERVATIONS OF BROWN BEAR MOVEMENTS IN THE HARGITA MOUNTAINS, ROMANIA. *Int. Conf. Bear Res. Manage.* 7:19-21. 1987. WR 213
[Muz. Municipal, str. Viitorului nr. 46, 3125 Medias, Romania] *Ursus arctos*.

89-003785 Wilk, Randall J.; John W. Solberg; Vernon D. Berns and Richard A. Sellers. BROWN BEAR, *URSUS ARCTOS*, WITH SIX YOUNG. *Can. Field-Nat.* 102(3):541-543. 1988. WR 213

BEARS (CONTINUED)

89-003785 CONTINUED
[Kanuti Natl. Wildl. Refuge, U.S. Fish & Wildl. Serv., 101 12th St., Box 20, Fairbanks, AK 99001]

89-003786 Young, D. D. and J. J. Beecham. BLACK BEAR HABITAT USE AT PRIEST LAKE, IDAHO. *Int. Conf. Bear Res. Manage.* 6:73-80. 1986. WR 213
[c/o Broadview School, Broadview, MT 59015] *Ursus americanus*.

89-003787 Zager, Peter; John Beecham; George Matula, Jr. and Harry Reynolds III, editors. BEARS - THEIR BIOLOGY AND MANAGEMENT. *Int. Conf. Bear Res. Manage.* 7:394p. 1987. Available @ $35.00 from Michael R. Pelton, Dep. For., Wildl. & Fish., Univ. Tenn., P.O. Box 1071, Knoxville 37901-1071. WR 213
[Dep. Fish & Game, Coeur d'Alene, ID] Individual papers indexed in this issue of *Wildlife Review*.

89-003788 Zager, Peter, editor. BEARS - THEIR BIOLOGY AND MANAGEMENT. *Int. Conf. Bear Res. Manage.* 6:226p. 1986. Available @ $33.00 (US) from Dep. For., Wildl., & Fish., Univ. Tenn., P.O. Box 1071, Knoxville 37901-1071. WR 213
Individual papers indexed in this issue of *Wildlife Review*.

RACCOONS, RINGTAIL, AND COATI

89-003789 Berry, Darrell R. and Daniel R. Ludwig. ANTIBODY RESPONSE TO A MODIFIED-LIVE FELINE PANLEUKOPENIA VACCINE AND BLOOD CELL VALUES OF YOUNG RACCOONS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:57-70. 1988. WR 213
[Oreg. State Univ., Coll. Vet. Med., Corvallis 97331-2902] *Procyon lotor*.

89-003790 Clearwater, Denise H.; George A. Feldhamer; Raymond P. Morgan II and Joseph A. Chapman. TAXONOMIC ANALYSIS OF THE COASTAL MARSH RACCOON (*PROCYON LOTOR MARITIMUS*) IN MARYLAND. *Brimleyana* No. 15. p. 31-36. 1989. WR 213
[Appalachian Environ. Lab., Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg State Coll. Campus, Frostburg 21532]

89-003791 Evans, Richard H.; Linda Squires and Pam Getson. VACCINATION OF YOUNG RACCOONS WITH A KILLED FELINE PANLEUKOPENIA VACCINE. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:71-86. 1988. WR 213
[Pac. Wildl. Project, P.O. Box 7673, Laguna Niguel, CA 92701] *Procyon lotor*.

89-003792 Getson, Pam. PARVOVIRUS IN RACCOONS - TWO CASE STUDIES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:69-80. 1987. WR 213
[Little Feet Wildl. Refuge, RD #7, 203 Pin Oak Ct., Vincentown, NJ] *Procyon lotor*.

89-003793 Hanlon, Cathleen A.; Ellen L. Ziemer; Amir N. Hamir and Charles E. Rupprecht. CEREBROSPINAL FLUID ANALYSIS OF RABID AND VACCINIA-RABIES GLYCOPROTEIN RECOMBINANT, ORALLY VACCINATED RACCOONS (*PROCYON LOTOR*). *Am. J. Vet. Res.* 50(3):364-367. 1989. WR 213
[Wistar Inst. Anat. & Biol., 3601 Spruce St., Philadelphia, PA 19104]

RACCOONS, RINGTAIL, AND COATI (CONTINUED)

89-003794 Hasbrouck, J. J. and W. R. Clark. ESTIMATING SURVIVAL RATES IN AN EXPLOITED RACCOON POPULATION USING FAILURE TIME ANALYSIS. *Proc. Iowa Acad. Sci.* 94(1):104. 1987. Abstract only. WR 213
[Dep. Anim. Ecol., 124 Sci. II, ISU, Ames, IA 50011] *Procyon lotor* in Iowa.

89-003795 Lerman, Mark. COMPREHENSIVE RACCOON REHABILITATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:15-24.1982. WR 213
[68 W. Eckerson Rd., Spring Valley, NY 10977] *Procyon lotor*.

89-003796 Stewart, Julie. BEHAVIOR OF CAPTIVE RED PANDAS (*AILURUS FULGENS*) DURING THE BREEDING SEASON. *Anim. Keepers' Forum* 16(1):19-26. 1989. WR 213
[Univ. British Columbia, Vancouver, BC, Canada]

89-003797 Stokhaug, Cheryl. SELECTING RELEASE SITES FOR RACCOONS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:151-156. 1988. WR 213
[Wildl. ARC, 5800 N. Lovers Lane Rd., Milwaukee, WI 53225] *Procyon lotor*.

89-003798 Wing, John F.; Robert W. Cunningham and Jay L. Weppler. RACCOON (*PROCYON LOTOR*) POPULATIONS: IRRUPTIVE OR CYCLIC? *Ohio J. Sci.* 89(2):43. 1989. Abstract only. WR 213
[Dep. Psychol., Wittenberg Univ., Springfield, OH 45501]

MUSTELIDS

89-003799 Arthur, Stephen M. ECOLOGY OF FISHERS IN SOUTH-CENTRAL MAINE. *Ph.D. dissertation, Univ. Maine* 125p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2437. 1989. Order No. DA8819330. WR 213
Martes pennanti, *Lepus americanus*, and *Erethizon dorsatum*.

89-003800 Banci, Vivian and Alton Harestad. REPRODUCTION AND NATALITY OF WOLVERINE (*GULO GULO*) IN YUKON. *Ann. Zool. Fenn.* 25(4):265-270. 1988. WR 213
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, BC, Canada V5A 1S6]

89-003801 Barnard, Dale Lynn. ANALYSIS OF THE VIRION OF ALEUTIAN DISEASE VIRUS OF MINK. *Ph.D. dissertation, Brigham Young Univ.* 63p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(6):2050. 1988. Order No. DA8809559. WR 213
Mustela vison.

89-003802 Berria, Matthew; M. M. Joseph and Rodney A. Mead. ROLE OF PROLACTIN AND LUTEINIZING HORMONE IN REGULATING TIMING OF IMPLANTATION IN THE SPOTTED SKUNK. *Biol. Reprod.* 40(2):232-238. 1989. WR 213
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843] *Spilogale putorius latifrons*.

89-003803 Bock, W. F. [THE IMPORTANCE OF SOIL COMPOSITION FOR THE SIZE OF BADGER SETTS (*MELES MELES*), IN TWO AREAS IN SE GERMANY.] *Z. Saeugetierkd.* 53(6):349-357. 1988. In German with English summ. WR 213
[Inst. Haustierkunde, Univ. Kiel, Olshausenstr. 40-60, D-2300 Kiel, West Germany]

MUSTELIDS (CONTINUED)

89-003804 Briggs, Deborah J.; John M. Briggs and Dennis R. Howard. PREVALENCE OF RABIES IN THE STRIPED SKUNK *(MEPHITIS MEPHITIS)* IN KANSAS FROM 1966 TO 1986. *Trans. Kans. Acad. Sci.* 91(3-4):123-131. 1988. WR 213
[Vet. Diagnosis Lab., Kans. State Univ., Manhattan 66506]

89-003805 Broyer, J.; S. Aulagnier and R. Destre. [THE STATUS OF OTTER *LUTRA LUTRA ANGUSTIFRONS* LATASTE, 1885 IN MOROCCO.] *Mammalia* 52(3):361-370. 1988. In French with English summ. WR 213
[Rue Moyen Age, 01330 Villars-les-Dombes, France]

89-003806 Buskirk, Steven W. and Henry J. Harlow. BODY-FAT DYNAMICS OF THE AMERICAN MARTEN *(MARTES AMERICANA)* IN WINTER. *J. Mammal.* 70(1):191-193. 1989. WR 213
[Dep. Zool. & Physiol., Box 3166, Univ. Wyo., Laramie 82071]

89-003807 Buskirk, Steven W. and Stan L. Lindstedt. SEX BIASES IN TRAPPED SAMPLES OF MUSTELIDAE. *J. Mammal.* 70(1):88-97. 1989. WR 213
[Dep. Zool. & Physiol., Box 3166, Univ. Wyo., Laramie 82071]

89-003808 Buskirk, Steven W.; Steven C. Forrest; Martin G. Raphael and Henry J. Harlow. WINTER RESTING SITE ECOLOGY OF MARTEN IN THE CENTRAL ROCKY MOUNTAINS. *J. Wildl. Manage.* 53(1):191-196. 1989. WR 213
[Dep. Zool. & Physiol., Box 3166, Univ. Wyo., Laramie 82071] *Martes americana* in Wyoming.

89-003809 Clapperton, B. Kay; Edward O. Minot and Douglas R. Crump. SCENT LURES FROM ANAL SAC SECRETIONS OF THE FERRET *MUSTELA FURO* L. *J. Chem. Ecol.* 15(1):291-308. 1989. WR 213
[Dep. Bot. & Zool., Massey Univ., Private Bag, Palmerston North, New Zealand]

89-003810 Cresswell, Warren James. THE BEHAVIOUR AND ECOLOGY OF BADGERS *(MELES MELES)* IN SUBURBAN BRISTOL. *Ph.D. dissertation, Univ. Bristol (United Kingdom)* 251p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2524. 1989. Order No. BRDX82782. WR 213

89-003811 Dillberger, J. E. and N. H. Altman. NEOPLASIA IN FERRETS: ELEVEN CASES WITH A REVIEW. *J. Comp. Pathol.* 100(2):161-176. 1989. WR 213
[Dep. Toxicol., Merrell Dow Pharmaceuticals, Inc., P.O. Box 68470, Indianapolis, IN 46268-0470] *Mustela putorius furo.*

89-003812 Gill, J. M.; W. J. Hartley and N. L. Hodgkinson. AN OUTBREAK OF POST-VACCINAL SUSPECTED DISTEMPER-LIKE ENCEPHALITIS IN FARMED FERRETS *(MUSTELA PUTORIUS FURO)*. *N.Z. Vet. J.* 36(4):173-176. 1988. WR 213
[Invermay Anim. Health Lab., Private Bag, Mosgiel, New Zealand]

89-003813 Hancox, M. DENTAL ANOMALIES IN THE EURASIAN BADGER. *J. Zool. (Lond.)* 216(4):606-608. 1988. WR 213
[Anim. Ecol. Res. Group, Zool. Dep., South Parks Rd., Oxford OX1 3PS, England] *Meles meles.*

89-003814 Hartl, Gunther B.; Rudolf Willing; Martin Grillitsch and Erich Klansek. BIOCHEMICAL VARIATION IN MUSTELIDAE: ARE CARNIVORES GENETICALLY LESS VARIABLE THAN OTHER MAMMALS. *Zool. Anz.* 221(1/2):81-90. 1988. In English with German summ. WR 213
[Forschungsinst. Wildtierkunde Veterinarmed., Univ. Wien, Savoyenstr. 1, A-1160 Vienna, Austria]

MUSTELIDS (CONTINUED)

89-003815 Hohmann, Hans-Dieter. [OBSERVATIONS ON THE BEHAVIOR OF THE EUROPEAN OTTER *(LUTRA LUTRA)* IN AN ENCLOSURE.] *Zool. Gart.* 58(5/6):404-410. 1988. In German. WR 213
[Tiergartenstr. 58, Dresden DDR-8020, East Germany]

89-003816 Hoover, John P.; Charles A. Baldwin and Charles E. Rupprecht. SEROLOGIC RESPONSE OF DOMESTIC FERRETS (*MUSTELA PUTORIUS FURO*) TO CANINE DISTEMPER AND RABIES VIRUS VACCINES. *J. Am. Vet. Med. Assoc.* 194(2):234-238. 1989. WR 213
[Dep. Med. & Surgery, Coll. Vet. Med., Okla. State Univ., Stillwater 74278]

89-003817 Isakova, G. K. CYTOGENETIC INVESTIGATION OF AMERICAN MINK (*MUSTELA VISON*) BRED IN FUR FARM CONDITION. *Sov. Genet. (Engl. Transl. Genetika)* 23(6):764-768. 1987. WR 213
[Inst. Cytol. & Genet., Acad. Sci., Siberian Branch, Novosibirsk, USSR]

89-003818 Korhonen, Hannu; Mikko Harri and Jaakko Mononen. REGULATION OF WEIGHT LOSS IN MALE FARM MINK. *Comp. Biochem. Physiol. A Comp. Physiol.* 92(3):355-357. 1989. WR 213
[Dep. Appl. Zool., Univ. Kuopio, POB6, 70211 Kuopio 21, Finland] *Mustela vison.*

89-003819 Koudele, Katherine A. THE INABILITY TO PERCEIVE PHOTOPERIOD AFFECTS REPRODUCTION IN MINK. *Ph.D. dissertation, Mich. State Univ.* 112p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2515. 1989. Order No. DA8814872. WR 213
Mustela vison.

89-003820 Lawes, I. N. C. and P. L. R. Andrews. VARIATION OF THE FERRET SKULL (*MUSTELA PUTORIUS FURO* L.) IN RELATION TO STEREOTAXIC LANDMARKS. *J. Anat.* 154:157-171. 1987. WR 213
[Dep. Anat. & Cell Biol., Univ. Sheffield, Western Bank, Sheffield S10 2TN, England]

89-003821 Lups, Peter and Timothy J. Roper. TOOTH SIZE IN THE EUROPEAN BADGER *(MELES MELES)* WITH SPECIAL REFERENCE TO SEXUAL DIMORPHISM, DIET AND INTRASPECIFIC AGGRESSION. *Acta Theriol.* 33(2):21-33. 1988. In English with Polish summ. WR 213
[Nat. Hist. Mus., Bernastr. 15, CH-3005 Bern, Switzerland]

89-003822 Madsen, A. B. and A. M. Rasmussen. REPRODUCTION IN THE STONE MARTEN *MARTES FOINA* IN DENMARK. *Nat. Jutlandica* 21(9):145-148. 1985. WR 213
[Nat. Hist. Mus., 8000 Aarhus C, Denmark]

89-003823 Martin, Sandra Kay. THE ECOLOGY OF THE PINE MARTEN *(MARTES AMERICANA)* AT SAGEHEN CREEK, CALIFORNIA. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 239p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(6):2014. 1988. Order No. DA8813990. WR 213
Peromyscus maniculatus, Microtus montanus, Phenacomes intermedius, Eutamia sp., *Tamiasciurus douglasii*, and *Martes americana*.

89-003824 Miller, Brian J. and Stanley H. Anderson. FAILURE OF FERTILIZATION FOLLOWING ABBREVIATED COPULATION IN THE FERRET (*MUSTELA PUTORIUS FURO*). *J. Exp. Zool.* 249(1):85-89. 1989. WR 213
[Coop. Res. Unit, Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

MUSTELIDS (CONTINUED)

89-003825 Monnett, Charles Warren. PATTERNS OF MOVEMENT, POSTNATAL DEVELOPMENT AND MORTALITY OF SEA OTTERS IN ALASKA. *Ph.D. dissertation, Univ. Minn.* 144p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2041. 1988. Order No. DA8813050. WR 213
Enhydra lutris.

89-003826 Rasmussen, A. M. and A. B. Madsen. THE DIET OF THE STONE MARTEN *MARTES FOINA* IN DENMARK. *Nat. Jutlandica* 21(8):141-144. 1985. WR 213
[Nat. Hist. Mus., 8000 Aarhus C, Denmark]

89-003827 Skaren, Uolevi and Kai Jaderholm. OTTER (*LUTRA LUTRA*) COUNT IN CENTRAL FINLAND IN 1986-1987. *Mem. Soc. Fauna Flora Fenn.* 63(3):101-104. 1987. WR 213
[Kp 2/82, SF-74300, Sonkajarvi, Finland]

89-003828 Smal, C. M. THE AMERICAN MINK *MUSTELA VISON* IN IRELAND. *Mammal Rev.* 18(4):201-208. 1988. WR 213
[Palm Oil Res. Inst., P.O. Box 10620, 50720 Kuala Lumpur, Malaysia]

89-003829 Sundqvist, C.; A. G. Amador and A. Bartke. REPRODUCTION AND FERTILITY IN THE MINK (*MUSTELA VISON*). *J. Reprod. Fertil.* 85(2):413-441. 1989. WR 213
[Dep. Physiol., School Med., South. Ill. Univ., Carbondale 62901-6512]

89-003830 Trapezov, O. V. SELECTED TRANSFORMATION OF DEFENSIVE REACTIONS TO MAN IN THE AMERICAN MINK (*MUSTELA VISON* SCHREB.). *Sov. Genet. (Engl. Transl. Genetika)* 23(6):781-786. 1987. WR 213
[Inst. Cytol. & Genet., Acad. Sci., Siberian Branch, Novosibirsk, USSR]

89-003831 Ward, D. P.; C. M. Smal and J. S. Fairley. THE FOOD OF MINK *MUSTELA VISON* IN THE IRISH MIDLANDS. *Proc. R. Ir. Acad. Sect. B* 86(7):169-182. 1986. From Ecol. Abstr. 88/5:88L/7107. 1988. WR 213
Rattus norvegicus and *Rana temporaria.*

89-003832 Weber, Darius. [DISTRIBUTION OF POLECATS (*MUSTELA PUTORIUS* L.) IN SWITZERLAND.] *Rev. Suisse Zool.* 95(4):1041-1056. 1988. In German with French and English summ. WR 213
[Kirchgasse 5a, CH-4118 Rodersdorf, Switzerland]

89-003833 Wiig, Oystein. CRANIOMETRIC VARIATION IN NORWEGIAN WOLVERINES *GULO GULO* L. *Zool. J. Linn. Soc.* 95(3):177-204. 1989. WR 213
[Norwegian Polar Res. Inst., P.O. Box 158, N-1330 Oslo Lufthavn, Norway]

FELIDS

89-003834 Arora, B. M. and S. C. Das. HELMINTH INFESTATION IN A TIGRESS (*PANTHERA TIGRIS*). *Indian J. Vet. Med.* 8(2):154-156. 1988. WR 213
[Cent. Wildl. Conserv. Manage. & Dis. Surveillance, IVRI, Izatnagar-243 122, India]

89-003835 Bailey, Theodore N. DEN ECOLOGY, POPULATION PARAMETERS AND DIET OF EASTERN IDAHO BOBCATS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:62-69. 1979. WR 213
Felis rufus.

FELIDS (CONTINUED)

89-003836 Belden, Robert C.; Thomas C. Hines and Thomas H. Logan. FLORIDA PANTHER RE-ESTABLISHMENT A DISCUSSION OF THE ISSUES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:115-123. 1987. WR 213
[Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601] *Felis concolor coryi.*

89-003837 Berg, William E. ECOLOGY OF BOBCATS IN NORTHERN MINNESOTA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:55-61. 1979. WR 213
Felis rufus.

89-003838 Blankenship, Terry L. and Wendell G. Swank. POPULATION DYNAMIC ASPECTS OF THE BOBCAT IN TEXAS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:116-122. 1979. WR 213
Felis rufus.

89-003839 Blum, Lynn Giroux and Peter C. Escherich. BOBCAT RESEARCH CONFERENCE PROCEEDINGS. CURRENT RESEARCH ON BIOLOGY AND MANAGEMENT OF *LYNX RUFUS*. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:137p. 1979. WR 213
Individual papers indexed in this issue of *Wildlife Review.*

89-003840 Brady, James R. PRELIMINARY RESULTS OF BOBCAT SCENT STATION TRANSECTS IN FLORIDA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:101-103. 1979. WR 213
Felis rufus.

89-003841 Brittell, J. David; Steven J. Sweeney and Steven T. Knick. WASHINGTON BOBCATS: DIET, POPULATION DYNAMICS AND MOVEMENT. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:107-110. 1979. WR 213
Felis rufus.

89-003842 Brown, J. L.; D. E. Wildt; L. G. Phillips; J. Seidensticker; S. B. U. Fernando; S. Miththapala and K. L. Goodrowe. ADRENAL-PITUITARY-GONADAL RELATIONSHIPS AND EJACULATE CHARACTERISTICS IN CAPTIVE LEOPARDS (*PANTHERA PARDUS KOTIYA*) ISOLATED ON THE ISLAND OF SRI LANKA. *J. Reprod. Fertil.* 85(2):605-613. 1989. WR 213
[Dep. Obstet. & Gynecol., Uniformed Serv. Univ. Health Sci., Bethesda, MD 20814]

89-003843 Buie, David E.; T. T. Fendley and Henry McNab. FALL AND WINTER HOME RANGES OF ADULT BOBCATS ON THE SAVANNAH RIVER PLANT, SOUTH CAROLINA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:42-46. 1979. WR 213
Felis rufus.

89-003844 Buttrey, George Watkins. FOOD HABITS AND DISTRIBUTION OF THE BOBCAT, *LYNX RUFUS RUFUS* (SCHREBER), ON THE CATOOSA WILDLIFE MANAGEMENT AREA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:87-91. 1979. WR 213

89-003845 Calhoon, Robert E. and Carol Haspel. URBAN CAT POPULATIONS COMPARED BY SEASON, SUBHABITAT AND SUPPLEMENTAL FEEDING. *J. Anim. Ecol.* 58(1):321-328. 1989. WR 213
[Dep. Biol., Queens Coll., Flushing, NY 11367] *Felis catus* in New York.

89-003846 Caligiuri, Randy; Michael Carrier; Elliott R. Jacobson and Claus D. Buergelt. CORNEAL SQUAMOUS CELL CARCINOMA IN A CHEETAH (*ACINONYX JUBATUS*). *J. Zoo Anim. Med.* 19(4):219-222. 1988. WR 213
[Dep. Spec. Clin. Sci., Coll. Vet. Med., Univ. Fla., Gainesville 32610]

FELIDS (CONTINUED)

89-003847 Dyer, Melvin I. CONFERENCE SUMMARY: CURRENT STATUS OF NORTH AMERICAN BOBCAT PROGRAMS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:134-137. 1979. WR 213
Felis rufus.

89-003848 Fredrickson, Larry F. and Leslie A. Rice. BOBCAT MANAGEMENT SURVEY STUDY IN SOUTH DAKOTA, 1977-79. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:32-36. 1979. WR 213
Felis rufus.

89-003849 Fuller, T. K.; A. R. Biknevicius and P. W. Kat. HOME RANGE OF AN AFRICAN WILDCAT, *FELIS SILVESTRIS* (SCHREBER), NEAR ELMENTEITA, KENYA. *Z. Saeugetierkd.* 53(6):380-381. 1988. In English. WR 213
[For. Wildl. Popul. & Res. Group, Dep. Nat. Resour., Grand Rapids, MN 55744]

89-003850 Furet, Loic. [THE DIET AND DISTRIBUTION OF THE FERAL CAT *FELIS CATUS* ON AMSTERDAM ISLAND, SOUTHERN INDIAN OCEAN.] *Rev. Ecol. Terre Vie* 44(1):33-45. 1989. In French with English summ. WR 213
[Cent. Etudes Biol. Anim. Sauvages, CNRS, Villiers-en-Bois, 79360 Beauvoir-sur-Niort, France]

89-003851 Gerson, Helen B. COUGAR, *FELIS CONCOLOR*, SIGHTINGS IN ONTARIO. *Can. Field-Nat.* 102(3):419-424. 1988. WR 213
[Wildl. Branch, Ontario Minist. Nat. Resour., Whitney Block, Queen's Park, Toronto, ON, Canada M7A 1W3]

89-003852 Gilbert, James R. TECHNIQUES AND PROBLEMS OF POPULATION MODELING AND ANALYSIS OF AGE DISTRIBUTION. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:130-133. 1979. WR 213
Felis rufus.

89-003853 Gould, Gordon I., Jr. TECHNIQUES USED IN ASSESSING BOBCAT POPULATIONS AND HARVESTS IN CALIFORNIA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:40-41. 1979. WR 213
Felis rufus.

89-003854 Hair, Jay D.; Dennis Hazel; Richard A. Lancia; S. Douglas Miller and David K. Woodward. STATUS, POPULATION DYNAMICS AND HABITAT PREFERENCE OF THE BOBCAT IN NORTH CAROLINA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:125. 1979. WR 213
Felis rufus.

89-003855 Henderson, Carrol L. BOBCAT (*LYNX RUFUS*) DISTRIBUTION, MANAGEMENT, AND HARVEST ANALYSIS IN MINNESOTA, 1977-79. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:27-31. 1979. WR 213

89-003856 Hilton, Henry. BOBCAT MANAGEMENT IN MAINE. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:13-16. 1979. WR 213
Felis rufus.

89-003857 Hon, Tip. RELATIVE ABUNDANCE OF BOBCATS IN GEORGIA: SURVEY TECHNIQUES AND PRELIMINARY RESULTS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:104-106. 1979. WR 213
Felis rufus.

FELIDS (CONTINUED)

89-003858 Hoppe, Richard T. POPULATION DYNAMICS OF THE MICHIGAN BOBCAT *(LYNX RUFUS)* WITH REFERENCE TO AGE STRUCTURE AND REPRODUCTION. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:111-115. 1979. WR 213

89-003859 Hruban, Zdenek; W. Ellis Carter; Thomas Meehan; Peregrine Wolff; Wilbur A. Franklin and Seymour Glagov. COMPLEX MAMMARY CARCINOMA IN A TIGER *(PANTHERA TIGRIS)*. *J. Zoo Anim. Med.* 19(4):226-230. 1988. WR 213
[Dep. Pathol., Univ. Chicago, Chicago, IL 60637]

89-003860 Hruban, Zdenek; W. Ellis Carter; Thomas Meehan; Peregrine Wolff; Wilbur A. Franklin and Seymour Glagov. RETROPERITONEAL PARAGANGLIOMA IN A TIGER *(PANTHERA TIGRIS)*. *J. Zoo Anim. Med.* 19(4):231-234. 1988. WR 213
[Dep. Pathol., Univ. Chicago, Chicago, IL 60637]

89-003861 Johnson, Mark K.; Don R. Aldred; Edward W. Clinite and Michael J. Kutilek. BIOCHEMICAL IDENTIFICATION OF BOBCAT SCATS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:92-96. 1979. WR 213
Felis rufus.

89-003862 Johnson, Neil F. EFFORTS TO UNDERSTAND KANSAS' BOBCAT POPULATIONS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:37-39. 1979. WR 213
Felis rufus.

89-003863 Karesh, William B. and Robert Russell. OVARIAN DYSGERMINOMA IN A SNOW LEOPARD *(PANTHERA UNCIA)*. *J. Zoo Anim. Med.* 19(4):223-225. 1988. WR 213
[Woodland Park Zool. Gardens, 5500 Phinney Ave. N., Seattle, WA 98103]

89-003864 Karpowitz, James F. and Jerran T. Flinders. BOBCAT RESEARCH IN UTAH - A PROGRESS REPORT. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:70-73. 1979. WR 213
Felis rufus.

89-003865 Kiltie, R. A. INTERSPECIFIC SIZE REGULARITIES IN TROPICAL FELID ASSEMBLAGES. *Oecologia (Berl.)* 76(1):97-105. 1988. WR 213
[Dep. Zool., Univ. Fla., Gainesville 32611]

89-003866 Kitchings, J. T. and J. D. Story. HOME RANGE AND DIET OF BOBCATS IN EASTERN TENNESSEE. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:47-52. 1979. WR 213
Felis rufus rufus.

89-003867 Klepinger, Kent E.; William A. Creed and James E. Ashbrenner. MONITORING BOBCAT HARVEST AND POPULATIONS IN WISCONSIN. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:23-26. 1979. WR 213
Felis rufus.

89-003868 Knowlton, Frederick F. and Walter M. Tzilkowski. TRENDS IN BOBCAT VISITATIONS TO SCENT-STATION SURVEY LINES IN WESTERN UNITED STATES, 1972-1978. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:8-12. 1979. WR 213
Felis rufus.

89-003869 Koehler, Gary M. and Maurice G. Hornocker. INFLUENCES OF SEASONS ON BOBCATS IN IDAHO. *J. Wildl. Manage.* 53(1):197-202. 1989. WR 213
[Coop. Fish & Wildl. Res. Unit, Univ. Idaho, Moscow 83843] *Felis rufus.*

FELIDS (CONTINUED)

89-003870 Koehler, Gary Mark. DEMOGRAPHY OF A LOW PRODUCTIVITY BOBCAT POPULATION. *Ph.D. dissertation, Univ. Idaho* 32p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2439. 1989. Order No. DA8819269. WR 213
Felis rufus.

89-003871 Kurup, G. U. THE TREASURED TIGER. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 412-431. 1986. WR 213
[Zool. Surv. India, West. Ghat Regional Stn., Ernahipalam, Calicut-673 006, Kerala, India] *Panthera tigris.*

89-003872 Lembeck, Michael and Gordon I. Gould, Jr. DYNAMICS OF HARVESTED AND UNHARVESTED BOBCAT POPULATIONS IN CALIFORNIA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:53-54. 1979. WR 213
Felis rufus californicus.

89-003873 Mahan, Carol J. AGE DETERMINATION OF BOBCATS (*LYNX RUFUS*) BY MEANS OF CANINE PULP CAVITY RATIOS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:126-129. 1979. WR 213

89-003874 Mautz, William W. and Peter J. Pekins. METABOLIC RATE OF BOBCATS AS INFLUENCED BY SEASONAL TEMPERATURES. *J. Wildl. Manage.* 53(1):202-205. 1989. WR 213
[Dep. For. Resour., Pettee Hall, Univ. N.H., Durham 03824] *Felis rufus.*

89-003875 Mensik-King, Karen E. HELMINTH PARASITES IN BOBCATS (*FELIS RUFUS*) OF JACKSON COUNTY, OREGON. *M.S. thesis, Humboldt State Univ.* 1988. WR 213

89-003876 Miller, S. Douglas and Dan W. Speake. DEMOGRAPHY AND HOME RANGE OF THE BOBCAT IN SOUTH ALABAMA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:123-124. 1979. WR 213
Felis rufus.

89-003877 Orford, H. J. L.; M. R. Perrin and H. H. Berry. CONTRACEPTION, REPRODUCTION AND DEMOGRAPHY OF FREE-RANGING ETOSHA LIONS (*PANTHERA LEO*). *J. Zool. (Lond.)* 216(4):717-733. 1988. WR 213
[Dep. Zool. & Entomol., Univ. Natal, P.O. Box 375, Pietermaritzburg 3200, South Africa]

89-003878 Pelton, Michael R. POTENTIAL USE OF RADIOISOTOPES FOR DETERMINING DENSITIES OF BOBCATS. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:97-100. 1979. WR 213
Felis rufus in Tennessee.

89-003879 Rashid, M. A. THE GIR (ASIATIC) LION (*PANTHERA LEO PERSICA* MEYER). *In: Wildlife Wealth of India (Resources & Management). Trilok Trilok Chandra Majupuria, editor.* p. 391-411. 1986. WR 213
[I.F.S. Retd., Special Chief Conserv. For., Wildl., Gujarat, India]

89-003880 Robinson, I. H. and M. Delibes. THE DISTRIBUTION OF FAECES BY THE SPANISH LYNX (*FELIS PARDINA*). *J. Zool. (Lond.)* 216(4):577-582. 1988. WR 213
[c/o Waltham Cent. Nutr., Waltham on the Wolds, Leicestershire LE14 4R5 England]

FELIDS (CONTINUED)

89-003881 Roof, Jayde C. and David S. Maehr. SIGN SURVEYS FOR FLORIDA PANTHERS ON PERIPHERAL AREAS OF THEIR KNOWN RANGE. *Fla. Field Nat.* 16(4):81-85. 1988. WR 213
[Game & Fresh Water Fish Comm., 566 Commercial Blvd., Naples, FL 33942] *Felis concolor coryi, Sus scrofa, Odocoileus virginianus*, and *Procyon lotor*.

89-003882 Samson, Fred B. MULTIVARIATE ANALYSIS OF CRANIAL CHARACTERS AMONG BOBCATS, WITH A PRELIMINARY DISCUSSION OF THE NUMBER OF SUBSPECIES. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:80-86. 1979. WR 213
Felis rufus rufus.

89-003883 Singh, Jit; M. M. Hussain and Rama Kumar. A NOTE ON REPEATED XYLAZINE ANAESTHESIA IN CHEETAH (*ACINONYX JUBATUS*). *Indian J. Vet. Surg.* 9(2):160-162. 1988. WR 213
[Dep. Surg., Fac. Vet. Med., Al-Fateh Univ., Tripoli, Libya]

89-003884 Tabor, Roger. THE CHANGING LIFE OF FERAL CATS (*FELIS CATUS* L.) AT HOME AND ABROAD. *Zool. J. Linn. Soc.* 95(2):151-161. 1989. WR 213
[6 Chancery Pl., The Green, Writtle, Essex CM1 3DY, England]

89-003885 Vogt, Joseph E. MICHIGAN'S BOBCAT HARVEST. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:17-22. 1979. WR 213
Felis rufus.

89-003886 Wiig, Oystein and Trond Andersen. NON-METRICAL VARIATION IN THE SKULL OF NORWEGIAN LYNX. *Acta Theriol.* 33(1):3-19. 1988. In English with Polish summ. WR 213
[Norwegian Polar Res. Inst., P.O. Box 158, N-1330 Oslo, Lufthavn, Norway] *Felis lynx*.

89-003887 Zezulak, David S. and Robert G. Schwab. A COMPARISON OF DENSITY, HOME RANGE AND HABITAT UTILIZATION OF BOBCAT POPULATIONS AT LAVA BEDS AND JOSHUA TREE NATIONAL MONUMENTS, CALIFORNIA. *Natl. Wildl. Fed. Sci. Tech. Ser.* 6:74-79. 1979. WR 213
Felis rufus pallascens and *F. r. baileyi*.

OTHER CARNIVORES

89-003888 Baker, Carolyn M. SCENT MARKING BEHAVIOUR IN CAPTIVE WATER MONGOOSES (*ATILAX PALUDINOSUS*). *Z. Saeugetierkd.* 53(6):358-364. 1988. In English with German summ. WR 213
[Zool. Dep., Univ. Durban-Westville, PB X 54001, Westville, South Africa]

89-003889 Henschel, J. R. and R. L. Tilson. HOW MUCH DOES A SPOTTED HYAENA EAT? PERSPECTIVE FROM THE NAMIB DESERT. *Afr. J. Ecol.* 26(4):247-255. 1988. In English with French summ. WR 213
[Desert Ecol. Res. Unit, P.O. Box 1592, Swakopmund 9000, Namibia]

89-003890 van Aarde, R. J.; J. D. Skinner; M. H. Knight and D. C. Skinner. RANGE USE BY A STRIPED HYAENA (*HYAENA HYAENA*) IN THE NEGEV DESERT. *J. Zool. (Lond.)* 216(4):575-577. 1988. WR 213
[Mammal. Res. Inst., Univ. Pretaria, Pretaria 0002, South Africa]

MARINE MAMMALS

89-003891 Adams, Ann Marie. TAXONOMY, SYSTEMATICS, AND ECOLOGY OF HELMINTH PARASITES OF THE RINGED SEAL, *PHOCA HISPIDA* SCHREBER, IN ALASKAN WATERS. *Ph.D. dissertation, Univ. Wash.* 227p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3627. 1989. Order No. DA8826360. WR 213

89-003892 Aguilar, Alex; Montserrat Olmos and Christina H. Lockyer. SEXUAL MATURITY IN FIN WHALES (*BALAENOPTERA PHYSALUS*) CAUGHT OFF SPAIN. *Rep. Int. Whaling Comm.* 38:317-322. 1988. WR 213
[Dep. Biol. Anim. (Vertebr.), Fac. Biol., Univ. Barcelona, 08028 Barcelona, Spain]

89-003893 Andersen, Liselotte Wesley and Ursula Friedrich. THE KARYOTYPE OF THE LONG-FINNED PILOT WHALE, *GLOBICEPHALA MELAENA*. *Hereditas* 109(2):245-251. 1988. WR 213
[Dep. Ecol. & Genet., Univ. Aarhus, Aarhus, Denmark]

89-003894 Anderson, Liselotte Wesley. AN INVESTIGATION OF THE POPULATION STRUCTURE OF THE LONG-FINNED PILOT WHALE, *GLOBICEPHALA MELAENA*, AROUND THE FAROE ISLANDS ON BASIS OF ISOZYMES. *Rep. Int. Whaling Comm.* 38:512. 1988. Abstract only. WR 213
[Inst. Ecol. & Genet., Univ. Aarhus, Ny Munkegade, Bldg. 550, DK-8000 Aarhus C, Denmark]

89-003895 Arnason, A. and S. Jonsdottir. AN ELECTROPHORETIC STUDY OF CARDIAC ESTERASES AND PROTEINS OF FIN WHALES (*BALAENOPTERA PHYSALUS*) FROM ICELANDIC AND SPANISH WATERS AND SEI WHALES (*BALAENOPTERA BOREALIS*) CAUGHT OFF ICELAND. *Rep. Int. Whaling Comm.* 38:507. 1988. Abstract only. WR 213
[Genet. Div., Blood Bank, Reykjavik, Iceland]

89-003896 Arnason, A. and R. Spilliaert. STUDY OF CARBONIC ANHYDRATE POLYMORPHISM IN FIN WHALES (*BALAENOPTERA PHYSALUS*) CAUGHT OFF ICELAND AND COMPARISON WITE FIVE OTHER SPECIES OF WHALES: SEI (*B. BOREALIS*), MINKE (*B. ACUTOROSTRATA*), SPERM (*PHYSETER CATODON*), KILLER WHALE (*ORCINUS ORCA*), AND PILOT WHALE (*GLOBICEPHALA MELAENA*). *Rep. Int. Whaling Comm.* 38:514. 1988. Abstract only. WR 213
[Genet. Div., Blood Bank, Reykjavik, Iceland]

89-003897 Arnbom, Tom. STRUCTURE AND BEHAVIOUR OF FEMALE AND IMMATURE MALE GROUPS NEAR THE GALAPAGOS ISLANDS. *Rep. Int. Whaling Comm.* 38:503. 1988. Abstract only. WR 213
[Dep. Zool., Stockholm Univ., S-106 91 Stockholm, Sweden] *Physeter catodon*.

89-003898 Bastida, Ricardo; Victoria Lichtschein and Rae Natalie Prosser Goodall. FOOD HABITS OF *CEPHALORHYNCHUS COMMERSONII* OFF TIERRA DEL FUEGO. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 143-160. 1988. WR 213
[Inst. Nac. Invest. & Desarrollo Pesquero (INIDEP), 7600 Mar del Plata, Pcia. Buenos Aires, Argentina]

89-003899 Batson, Deborah H. MANATEE INDIVIDUAL IDENTIFICATION SYSTEM: AN INTERACTIVE VIDEODISC APPLICATION. *In: Proceedings: Resource Technology 88. International Symposium on Advanced Technology in Natural Resource Management. Gregory J. Buhyoff, editor.* p. 246-247. 1988. WR 213
[1475 Pine Grove Rd., Suite 202, P.O. Box 774447, Steamboat Springs, CO 80477] *Trichechus manatus*.

MARINE MAMMALS (CONTINUED)

89-003900 Baugh, Thomas M.; James A. Valade and Barbara J. Zoodsma. MANATEE USE OF *SPARTINA ALTERNIFLORA* IN CUMBERLAND SOUND. *Mar. Mamm. Sci.* 5(1):88-90. 1989. WR 213
[U.S. Fish & Wildl. Serv., 3100 University Blvd. S., Suite 120, Jacksonville, FL 32216] *Trichechus manatus latirostris* in Florida and Georgia.

89-003901 Behrmann, Gunther. THE PERIPHERAL NERVE ENDS IN THE TONGUE OF THE HARBOUR PORPOISE *PHOCOENA PHOCOENA* (LINNE, 1758). *Aquat. Mamm.* 14(3):107-112. 1988. WR 213
[Alfred-Wegener-Inst. Polar-& Meeresforschung, 2850 Bremerhaven, West Germany]

89-003902 Belikov, S. E.; Ju. A. Gorbunov and V. I. Shilnikov. DISTRIBUTION OF CETACEANS IN THE SEAS OF SOVIET ARCTIC AND IN THE BERING SEA DEPENDING ON ICE CONDITIONS. *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[All-Union Res. Inst., Nat. Conserv. & Sanctuaries, Moscow, USSR]

89-003903 Bernard, Hannah J. and Aleta A. Hohn. DIFFERENCES IN FEEDING HABITS BETWEEN PREGNANT AND LACTATING SPOTTED DOLPHINS (*STENELLA ATTENUATA*). *J. Mammal.* 70(1):211-215. 1989. WR 213
[Natl. Mar. Fish. Serv., Southwest Fish. Cent., P.O. Box 271, La Jolla, CA 92038]

89-003904 Berzin, A. A.; V. L. Vladimirov and N. V. Doroshenko. THE RESULTS OF AIR CENSUS OF BOWHEAD WHALES (*BALAENA MYSTICETUS*), GRAY WHALES (*ESCHRICHTIUS ROBUSTUS*) AND WHITE WHALES (*DELPHINAPTERUS LEUCAS*) IN THE OKHOTSK SEA IN 1986. *Rep. Int. Whaling Comm.* 38:510. 1988. Abstract only. WR 213
[Pac. Res. Inst. Fish. & Oceanogr., TINRO, Vladivostok 690600, USSR]

89-003905 Best, Peter B. THE EXTERNAL APPEARANCE OF HEAVISIDE'S DOLPHIN, *CEPHALORHYNCHUS HEAVISIDII* (GRAY, 1828). *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 279-299. 1988. WR 213
[c/o South African Mus., P.O. Box 61, Cape Town, South Africa]

89-003906 Bloch, D.; G. Desportes; R. Mouritsen; S. Skaaning and E. Stefansson. GENERAL PAPER STATUS REPORT ON THE STUDIES ON THE LONG FINNED PILOT WHALE (*GLOBICEPHALA MELAENA*) IN THE FAROE ISLANDS, 1986-87. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[Mus. Nat. Hist., FR-100, Torshavn, Faroe Islands]

89-003907 Bloch, Dorete. EXAMINATIONS OF THE LONG-FINNED PILOT WHALE (*GLOBICEPHALA MELAENA*) IN THE FAROES, 1976-86. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[Mus. Nat. Hist., FR-100, Torshavn, Faroe Islands]

89-003908 Blokhin, S. A. DISTRIBUTION AND ABUNDANCE OF GRAY WHALES OF THE CALIFORNIA-CHUKOTKA POPULATIONS OFF SIBERIAN COAST. *Rep. Int. Whaling Comm.* 38:510. 1988. Abstract only. WR 213
[Pac. Res. Inst. Fish. & Oceanogr, TINRO, Vladivostok 690600, USSR] *Eschrichtius robustus*.

MARINE MAMMALS (CONTINUED)

89-003909 Braham, H. W. and D. Goodman. THE ROLE OF SPECIAL SCIENTIFIC PERMITS IN RELATION TO THE COMPREHENSIVE ASSESSMENT OF WHALE STOCKS. *Rep. Int. Whaling Comm.* 38:514. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115]

89-003910 Braham, Howard W. POPULATION RECRUITMENT IN BOWHEAD WHALES: ESTIMATING NET RECRUITMENT RATE. *Rep. Int. Whaling Comm.* 38:509. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115-0070] *Balaena mysticetus* in Alaska.

89-003911 Braham, Howard W. THE TAKE OF BOWHEAD WHALES, 1973-1984: SEX AND LENGTH DISTRIBUTION OF THE CATCH, AND RECOVERY OF 'STINKERS'. *Rep. Int. Whaling Comm.* 38:509-510. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115-0070] *Balaena mysticetus* in Alaska.

89-003912 Brown, S. G. RECORDS OF COMMERSON'S DOLPHIN (*CEPHALORHYNCHUS COMMERSONII*) IN SOUTH AMERICAN WATERS AND AROUND SOUTH GEORGIA. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 85-92. 1988. WR 213
[Nat. Environ. Res. Council, Sea Mammal Res. Unit, Madingley Rd., Cambridge CB3 0ET, England]

89-003913 Brownell, Robert L., Jr. and Gregory P. Donovan, editors. BIOLOGY OF THE GENUS *CEPHALORHYNCHUS*. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. 344p. 1988. Available from Int. Whaling Comm., The Red House, Station Rd., Histon, Cambridge CB4 4NP, England. WR 213
[U.S. Fish & Wildl. Serv., P.O. Box 70, San Simeon, CA 93452] Individual chapters indexed in this issue of *Wildlife Review*.

89-003914 Buckland, S. T. and A. A. Anganuzzi. COMPARISON OF SMEARING METHODS IN THE ANALYSIS OF MINKE SIGHTINGS DATA FROM IWC/IDCR ANTARCTIC CRUISES. *Rep. Int. Whaling Comm.* 38:257-263. 1988. WR 213
[Agric. Stat. Serv., Macaulay Land Use Res. Inst., Aberdeen AB9 2QJ, Scotland] *Balaenoptera acutorostrata*.

89-003915 Buckland, S. T. and A. A. Anganuzzi. ESTIMATED TRENDS IN ABUNDANCE OF DOLPHINS ASSOCIATED WITH TUNA IN THE EASTERN TROPICAL PACIFIC. *Rep. Int. Whaling Comm.* 38:411-437. 1988. WR 213
[IATTC, 8604 La Jolla Shores Dr., La Jolla, CA 92093] *Stenella attenuata*, *S. longirostris*, and *Delphinus delphis*.

89-003916 Butterworth, D. S.; S. T. Buckland; H. Kishino and M. J. Silberbauer. REVISED SIGHTINGS ESTIMATES OF ANTARCTIC MINKE WHALE ABUNDANCE FOR THE 1978/79 TO 1984/85 IWC/IDCR ASSESSMENT CRUISES. *Rep. Int. Whaling Comm.* 38:505. 1988. Abstract only. WR 213
[Dep. Appl. Math., Univ. Cape Town, Rondebosch 7700, South Africa] *Balaenoptera acutorostrata*.

89-003917 Butterworth, D. S. and M. J. Silberbauer. A SUMMARY OF INITIAL RESULTS FROM THE 1985/86 IWC/IDCR ANTARCTIC MINKE WHALE ASSESSMENT CRUISE IN AREA V, AND SC/39Mi16 (ADDENDUM): A SIGHTING ESTIMATE OF THE ANTARCTIC AREA V MINKE WHALE POPULATION BASED UPON THE 1985/86 IWC/IDCR ASSESSMENT CRUISE. *Rep. Int. Whaling Comm.* 38:504-505. 1988. Abstract only. WR 213

MARINE MAMMALS (CONTINUED)

89-003917 CONTINUED
[Dep. Appl. Math., Univ. Cape Town, Rondebosch 7700, South Africa] *Balaenoptera acutorostrata.*

89-003918 Butterworth, D. S. and D. L. Borchers. ESTIMATES OF g(0) FOR MINKE SCHOOLS FROM THE RESULTS OF THE INDEPENDENT OBSERVER EXPERIMENT ON THE 1985/86 AND 1986/87 IWC/IDCR ANTARCTIC ASSESSMENT CRUISES. *Rep. Int. Whaling Comm.* 38:301-313. 1988. WR 213
[Dep. Appl. Math., Univ. Cape Town, Rondebosch 7700, South Africa] *Balaenoptera acutorostrata.*

89-003919 Campagna, Claudio. THE BREEDING BEHAVIOR OF THE SOUTHERN SEA LION. *Ph.D. dissertation, Univ. Calif. (Santa Cruz)* 170p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(9):3549. 1989. Order No. DA8810712. WR 213
Otaria flavescens.

89-003920 Cawthorn, M. W. RECENT OBSERVATIONS OF HECTOR'S DOLPHIN, *CEPHALORHYNCHUS HECTORI*, IN NEW ZEALAND. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 303-314. 1988. WR 213
[Conserv. Sci. Cent., P.O. Box 10-420, Wellington, New Zealand]

89-003921 Chen Peixun and Wang Ding. THE CHINESE RIVER DOLPHIN, *LIPOTES VEXILLIFER*. *Endeavour (Oxf.)* 12(4):176-178. 1988. WR 213
[Inst. Hydrobiol., Acad. Sinica, Wuhan, China]

89-003922 Chew, Ho Hua. THE DUGONG IN SINGAPORE WATERS. *Malayan Nat.* 42(1):22-25. 1988. WR 213
Dugong dugon.

89-003923 Chu, Kevin Charles. SONGS AND COURTSHIP BEHAVIOR OF MALE HUMPBACK WHALES (*MEGAPTERA NOVAEANGLIAE*) IN THE NORTH ATLANTIC. *Ph.D. dissertation, Boston Univ.* 218p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2022-2023. 1988. Order No. DA8810222. WR 213

89-003924 Clark, Christopher W. and William T. Ellison. NUMBERS AND DISTRIBUTIONS OF BOWHEAD WHALES, *BALAENA MYSTICETUS*, BASED ON THE 1985 ACOUSTIC STUDY OFF PT. BARROW, ALAKSA. *Rep. Int. Whaling Comm.* 38:365-370. 1988. WR 213
[Cornell Lab. Ornithol., Sapsucker Woods Rd., Ithaca, NY 14850]

89-003925 Clarke, Janet T.; Sue E. Moore and Donald K. Ljungblad. OBSERVATIONS ON GRAY WHALE (*ESCHRICHTIUS ROBUSTUS*) UTILIZATION PATTERNS IN THE NORTHEASTERN CHUKCHI SEA, JULY-OCTOBER 1982-86. *Rep. Int. Whaling Comm.* 38:508. 1988. Abstract only. WR 213
[SEACO, Inc., 2845-D Nimitz Blvd., San Diego, CA 92106]

89-003926 Clarke, R.; O. Paliza and A. Aguayo L. SUMMARY OF THE REPORT 'SPERM WHALES OF THE SOUTHEAST PACIFIC. PART IV. FATNESS, FOOD AND FEEDING.' *Rep. Int. Whaling Comm.* 38:503. 1988. Abstract only. WR 213
[Apdo. 30, Pisco-Playa, Pisco, Peru] *Physeter catodon.*

89-003927 Clarke, Robert and Obla Paliza. INTRASPECIFIC FIGHTING IN SPERM WHALES. *Rep. Int. Whaling Comm.* 38:235-241. 1988. WR 213
[Apdo. 30, Pisco-Playa, Pisco, Peru]

89-003928 Collet, Anne and Daniel Robineau. DATA ON THE GENITAL TRACT AND REPRODUCTION IN COMMERSON'S DOLPHIN, *CEPHALORHYNCHUS COMMERSONII* (LACEPEDE, 1804), FROM THE KERGUELEN ISLANDS. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 119-141. 1988. WR 213
[Cent. Natl. Etude Mammiferes Mar., Mus. Oceanogr., Port des Minimes, 17000 La Rochelle, France]

89-003929 Collet, Anne. DATA ON PILOT WHALES FROM THE COAST OF FRANCE. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[CNEMM, Port des Minimes, 1700 La Rochelle, France]

89-003930 Cook, Justin G. FURTHER ANALYSIS OF PARALLEL SHIP EXPERIMENTS CONDUCTED DURING THE 1984/85 IDCR CRUISE. *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[Dep. Biol., Univ. York, Heslington, York, England]

89-003931 Cook, Justin G. and Kees Lankester. POPULATION ASSESSMENTS OF NORTHERN HEMISPHERE MINKE WHALE STOCKS. *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[Dep. Biol., Univ. York, Heslington, York, England] *Balaenoptera acutorostrata*.

89-003932 Cook, Justin G. and Kees Lankester. CATCH HISTORY AND CURRENT STATUS OF THE NORTH-WEST PACIFIC BRYDE'S WHALE (*BALAENOPTERA EDENI*). *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[Dep. Biol., Univ. York, Heslington, York, England]

89-003933 Cook, Justin G. SIMULATIONS OF THE MINKE WHALE STOCKS IN ANTARCTIC AREAS IV AND V. *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[Dep. Biol., Univ. York, Heslington, York, England] *Balaenoptera acutorostrata*.

89-003934 Cornell, L. H.; J. E. Antrim; E. D. Asper and B. J. Pincheira. COMMERSON'S DOLPHINS (*CEPHALORHYNCHUS COMMERSONII*) LIVE-CAPTURED FROM THE STRAIT OF MAGELLAN, CHILE. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 183-194. 1988. WR 213
[Pac. Res. Lab., Inc., P.O. Box 1877, El Cajon, CA 92022]

89-003935 Danielsdottir, A. K.; E. J. Duke; P. Joyce and A. Arnason. PROGRESS REPORT ON THE STUDY OF GENETIC VARIATION AT ENZYME LOCI IN FIN WHALES (*BALAENOPTERA PHYSALUS*) AND SEI WHALES (*BALAENOPTERA BOREALIS*). *Rep. Int. Whaling Comm.* 38:507. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Coll., Belfield, Stillorgan Rd., Dublin 4, Ireland]

89-003936 Dawson, Stephen M. and Elisabeth Slooten. HECTOR'S DOLPHIN, *CEPHALORHYNCHUS HECTORI*: DISTRIBUTION AND ABUNDANCE. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 315-324. 1988. WR 213
[Cetos Res., Wainui, RD Duvauchelles, Banks Peninsula, New Zealand]

89-003937 Dawson, Stephen M. THE HIGH FREQUENCY SOUNDS OF FREE-RANGING HECTOR'S DOLPHINS, *CEPHALORHYNCHUS HECTORI*. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 339-344. 1988. WR 213
[Cetos Res., Wainui, RD Duvauchelles, Banks Peninsula, New Zealand]

MARINE MAMMALS (CONTINUED)

89-003938 de la Mare, William K. EXTENDED SENSITIVITY TRIALS ON THE LENGTH-SPECIFIC METHOD FOR ESTIMATING THE SIZE OF EXPLOITED SPERM WHALE POPULATIONS. *Rep. Int. Whaling Comm.* 38:243-248. 1988. WR 213
[Dep. Zool., Monash Univ., Wellington Rd., Clayton, Vic., Australia] *Physeter catodon.*

89-003939 de la Mare, William K. COMMENTS ON THE PROGRAM FOR RESEARCH ON THE SOUTHERN HEMISPHERE MINKE WHALE AND FOR PRELIMINARY RESEARCH ON THE MARINE ECOSYSTEM IN THE ANTARCTIC. *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[Dep. Zool., Monash Univ., Wellington Rd., Clayton, Vic. 3186, Australia] *Balaenoptera acutorostrata.*

89-003940 Dick, Thomas M. THE FLORIDA MANATEE. *Underwater Nat.* 13(4):19-22. 1982. WR 213
Trichechus manatus.

89-003941 Dudok van Heel, W. H. and J. D. van der Toorn. A BIOLOGICAL APPROACH TO DOLPHINARIUM WATER PURIFICATION: II. A PRACTICAL APPLICATION: THE DELFINAARIO IN TAMPERE, FINLAND. *Aquat. Mamm.* 14(3):92-106. 1988. WR 213
[Lepelstr. 1, 4381 HJ Vlissingen, Netherlands] *Tursiops truncatus.*

89-003942 Edds, Peggy L. CHARACTERISTICS OF FINBACK *BALAENOPTERA PHYSALUS* VOCALIZATIONS IN THE ST. LAWRENCE ESTUARY. *Bioacoustics* 1(2/3):131-149. 1988. WR 213
[Dep. Zool. Univ. Md., College Park 20742]

89-003943 Ellis, Graeme; Craig O. Matkin; John D. Hall and Stephen Leatherwood. KILLER WHALES (*ORCINUS ORCA*) PHOTOIDENTIFIED IN PRINCE WILLIAM SOUND, ALASKA 1976-1986. *Rep. Int. Whaling Comm.* 38:511. 1988. Abstract only. WR 213
[W. Coast Whale Res. Found., 1040 W. Georgia St., Rm. 2020, Vancouver, BC, Canada V6E 4H1]

89-003944 Erickson, Albert W.; Lewis J. Bledsoe and M. Bradley Hanson. BOOTSTRAP CORRECTION FOR DIURNAL ACTIVITY CYCLE IN CENSUS DATA FOR ANTARCTIC SEALS. *Mar. Mamm. Sci.* 5(1):29-56. 1989. WR 213
[Wildl. Sci. Group, School Fish., Univ. Wash., Seattle 98195] *Lobodon carcinophagus* and *Leptonychotes weddelli.*

89-003945 Evans, P. G. H. STATUS CHANGES OF THE LONG-FINNED PILOT WHALES (*GLOBICEPHALA MELAENA*) IN BRITISH AND IRISH WATERS. *Rep. Int. Whaling Comm.* 38:514. 1988. Abstract only. WR 213
[Zool. Dep., Univ. Oxford, S. Parks Rd., Oxford OX1 3PS, England]

89-003946 Evans, W. E.; F. T. Awbrey and H. Hackbarth. HIGH FREQUENCY PULSES PRODUCED BY FREE-RANGING COMMERSON'S DOLPHIN (*CEPHALORHYNCHUS COMMERSONII*) COMPARED TO THOSE OF PHOCOENIDS. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 173-181. 1988. WR 213
[NOAA, U.S. Dep. Commerce, Washington, DC 20230] *Phocoena phocoena* and *Phocoenoides dalli.*

89-003947 Evgenjeva, Tatyana P. MORPHOGENETIC TISSUE INTERACTIONS IN THE REGULATION OF SKIN STRUCTURAL INTEGRITY OF THE GRAY WHALE IN THE PRESENCE OF EXTERNAL PARASITES. *Rep. Int. Whaling Comm.* 38:510. 1988. Abstract only. WR 213
[A.N. Severtsov Inst. Evol. Morphol. & Ecol. Anim., Acad. Sci. USSR, Leninsky Prospect 33, SU-117071, Moscow, USSR] *Eschrichtius robustus.*

MARINE MAMMALS (CONTINUED)

89-003948 Fay, Francis H.; Brendan P. Kelly and John L. Sease. MANAGING THE EXPLOITATION OF PACIFIC WALRUSES: A TRAGEDY OF DELAYED RESPONSE AND POOR COMMUNICATION. *Mar. Mamm. Sci*. 5(1):1-16. 1989. WR 213
[Inst. Mar. Sci., Univ. Alaska, Fairbanks 99775] *Odobenus rosmarus divergens* in Alaska, the USSR, and the Bering Sea.

89-003949 Fischer, M. S. [CONTRIBUTIONS TO THE ANATOMY OF THE HEARING ORGAN OF THE SEACOW *TRICHECHUS MANATUS* L. (MAMMALIA: SIRENIA).] *Z. Saeugetierkd*. 53(6):365-379. 1988. In German with English summ. WR 213
[Inst. Biol. III, Lehrstuhl Spezielle Zool., Univ. Tubingen, Auf Morgenstelle 28, D-7400 Tubingen, West Germany]

89-003950 Gales, Nicholas J.; Mark Adams and Harry R. Burton. GENETIC RELATEDNESS OF TWO POPULATIONS OF THE SOUTHERN ELEPHANT SEAL, *MIROUNGA LEONINA*. *Mar. Mamm. Sci*. 5(1):57-67. 1989. WR 213
[Biol. Sect., Antarctic Div., Dep. Sci., Channel Hwy., Kingston, Tasm. 7150, Australia]

89-003951 Gaskin, D. E. and A. J. Read. PRELIMINARY RESULTS OF STUDIES IN 1984-87 OF THE SMALL CETACEAN FISHERIES OF PERU. *Rep. Int. Whaling Comm*. 38:512. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Guelph, Guelph, ON, Canada N1G 2W1] *Tursiops truncatus*, *Lagenorhynchus obscurus*, and *Phocoena spinipinnis*.

89-003952 George, John C.; L. Michael Philo; Geoffry M. Carroll and Thomas F. Albert. 1987 SUBSISTENCE HARVEST OF BOWHEAD WHALES, *BALAENA MYSTICETUS*, BY ALASKAN ESKIMOS. *Rep. Int. Whaling Comm*. 38:389-392. 1988. WR 213
[Dep. Wildl. Manage., North Slope Borough, Box 69, Barrow, AK 99723]

89-003953 George, John C.; Geoffry M. Carroll and L. Michael Philo. PRELIMINARY REPORT ON BOWHEAD WHALE, *BALAENA MYSTICETUS*, CENSUS-RELATED FIELD ACTIVITIES DURING SPRING 1987 OFF POINT BARROW, ALASKA. *Rep. Int. Whaling Comm*. 38:393-399. 1988. WR 213
[Dep. Wildl. Manage., North Slope Borough, Box 69, Barrow, AK 99723]

89-003954 Gilbert, James R. AERIAL CENSUS OF PACIFIC WALRUSES IN THE CHUKCHI SEA, 1985. *Mar. Mamm. Sci*. 5(1):17-28. 1989. WR 213
[Wildl. Dep., Univ. Maine, Orono 04469] *Odobenus rosmarus divergens*.

89-003955 Goodall, R. N. P.; A. R. Galeazzi and A. A. Lichter. EXPLOITAION OF SMALL CETACEANS OFF ARGENTINA 1979-1986. *Rep. Int. Whaling Comm*. 38:407-410. 1988. WR 213
[CADIC, 9410 Ushuaia, Tierra de Fuego, Argentina] *Cephalorhynchus commersonii*, *Tursiops truncatus*, *Orcinus orca*, *Lagenorhynchus australis*, and *Phocoena dioptrica*.

89-003956 Goodall, R. N. P. and A. R. Galeazzi. SIGHTINGS OF PILOT WHALES OFF SOUTHERN SOUTH AMERICA. *Rep. Int. Whaling Comm*. 38:514. 1988. Abstract only. WR 213
[Sarmiento 44, 9410 Ushuaia, Tierra del Fuego, Argentina] *Globicephala melaena*.

MARINE MAMMALS (CONTINUED)

89-003957 Goodall, R. N. P.; A. R. Galeazzi; A. P. Sobral and I. S. Cameron. FLIPPER SERRATION IN *CEPHALORHYNCHUS COMMERSONII*. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 161-171. 1988. WR 213
[Cent. Austral Invest. Cient., 9410 Ushuaia, Tierra del Fuego, Argentina]

89-003958 Goodall, R. N. P.; A. R. Galeazzi; S. Leatherwood; K. W. Miller; I. S. Cameron; R. K. Kastelein and A. P. Sobral. STUDIES OF COMMERSON'S DOLPHINS, *CEPHALORHYNCHUS COMMERSONII*, OFF TIERRA DEL FUEGO, 1976-1984, WITH A REVIEW OF INFORMATION ON THE SPECIES IN THE SOUTH ATLANTIC. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 3-70. 1988. WR 213
[Cent. Austral Invest. Cient., 9410 Ushuaia, Tierra del Fuego, Argentina]

89-003959 Goodall, R. N. P.; A. P. Sobral; M. Labal de Vinuesa and I. S. Cameron. ON *PHOCAENA OBTUSATA*, WITH A COMPARISON OF CERTAIN DIAGNOSTIC CHARACTERS IN SOUTH AMERICAN PHOCOENIDS AND THE GENUS *CEPHALORHYNCHUS*. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 259-276. 1988. WR 213
[Cent. Austral Invest. Cient. (CADIC), 9410 Ushuaia, Tierra del Fuego, Argentina] *C. eutropia*, *C. commersonii*, *Phocoena dioptrica*, and *P. spinipinnis* in Chile.

89-003960 Goodall, Rae Natalie Prosser; Kenneth S. Norris; Alejandro R. Galeazzi; Jorge A. Oporto and Ian S. Cameron. ON THE CHILEAN DOLPHIN, *CEPHALORHYNCHUS EUTROPIA* (GRAY, 1846). *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 197-257. 1988. WR 213
[Cent. Austral Invest. Cient. (CADIC), 9410 Ushuaia, Tierra del Fuego, Argentina]

89-003961 Griffin, M. and R. Loutit. DORSAL PIGMENT PATTERN IN LIVING HEAVISIDE'S DOLPHIN, *CEPHALORHYNCHUS HEAVISIDII*. *Madoqua* 15(2):189-191. 1987. WR 213
[Dep. Agric. & Nat. Conserv., P/Bag 13306, Windhoek 9000, Namibia]

89-003962 Guinee, Linda N. and Katharine B. Payne. RHYME-LIKE REPETITIONS IN SONGS OF HUMPBACK WHALES. *Ethology* 79(4):295-306. 1988. WR 213
[Long Term Res. Inst., 191 Weston Rd., Lincoln, MA 01773] *Megaptera novaeangliae*.

89-003963 Gunnlaugsson, Thorvaldur; Johann Sigurjosnsson and Gregory P. Donovan. SURVEY OF CETACEANS IN THE COASTAL WATERS OFF ICELAND, JUNE-JULY 1986. *Rep. Int. Whaling Comm.* 38:489-500. 1988. WR 213
[Program Whale Res., Mar. Res. Inst., P.O. Box 1390, Skulagata 4, 121 Reykjavik, Iceland]

89-003964 Gupta, P. D. THE GANGETIC DOLPHIN, *PLATANISTA GANGETICA* (LEBECK, 1801). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 553-562. 1986. WR 213
[Zool. Surv. India, Jabalpur, M.P., India]

89-003965 Hall, M. A. and S. D. Boyer. INCIDENTAL MORTALITY OF DOLPHINS IN THE EASTERN TROPICAL PACIFIC TUNA FISHERY IN 1986. *Rep. Int. Whaling Comm.* 38:439-441. 1988. WR 213
[Inter-Am. Trop. Tuna Comm., Scripps Inst. Oceanogr., La Jolla, CA 92093] *Stenella attenuata*, *S. longirostris*, and *Delphinus delphis*.

89-003966 Hall, Sam. WHALING: THE SLAUGHTER CONTINUES. *Ecologist* 18(6):207-212. 1988. WR 213
[Chartwood Cottage, Punchbowl Lane, Dorking, Surrey RH5 4ED, England]

89-003967 Harwood, John. LESSONS FROM THE SEAL EPIDEMIC. *New Sci.* 121(1652):38-42. 1989. WR 213

89-003968 Hawvermale, Mary Pratt. IDENTIFICATION OF INDIVIDUAL FIN WHALES, ITS USE AND TECHNIQUE. *M.S. thesis, South. Conn. State Univ.* 58p. 1988. From Masters Abstr. Int. 26(4):398. 1988. Order No. MA1332857. WR 213
Balaenoptera physalus.

89-003969 Hofmeister, R.; E. Breuer; R. Ernst; J. Hentschke; G. Molle and H. Ludwig. DISTEMPER-LIKE DISEASE IN HARBOR SEALS: VIRUS ISOLATION, FURTHER PATHOLOGIC AND SEROLOGIC FINDINGS. *J. Vet. Med. Ser. B* 35(10):765-769. 1988. WR 213
[Inst. Vet. Pathol., Freie Univ. Berlin, Str. 518, Nr. 15, D-1000 Berlin 37, West Germany]

89-003970 Holt, Sidney. THE STATUS OF THE EAST GREENLAND-ICELAND FIN WHALE STOCK. *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[Via della Fonte di Fauno 29/6, Rome 00153, Italy] *Balaenoptera physalus*.

89-003971 Ivashin, M. V. and V. V. Vertjankin. SOME DATA ON CETACEANS CASTING ASHORE THE COMMANDER ISLANDS. *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[VNIRO Moscow B-140 B. Kranoselskaja 17, 107140, USSR]

89-003972 Joyce, Gerald G. REPORT ON RADIO TAGGING ACTIVITIES DURING THE 1986-87 IWC/IDCR SOUTHERN HEMISPHERE MINKE WHALE ASSESSMENT CRUISE. *Rep. Int. Whaling Comm.* 38:506. 1988. Abstract only. WR 213
[826 NE 80th St., Seattle, WA 98115] *Balaenoptera acutorostrata*.

89-003973 Kasamatsu, F.; D. Hembree; G. Joyce; L. Tsunoda; R. Rowlett and T. Nakano. DISTRIBUTION OF CETACEAN SIGHTINGS IN THE ANTARCTIC: RESULTS OBTAINED FROM THE IWC/IDCR MINKE WHALE ASSESSMENT CRUISES, 1978/79 TO 1983/84. *Rep. Int. Whaling Comm.* 38:449-487. 1988. WR 213
[Inst. Cetacean Res., 3-32-11 Ohjima, Koto-ku, Tokyo 136, Japan] *Balaenoptera acutorostrata*.

89-003974 Kastelein, R. A. and M. A. van Gaalen. THE SENSITIVITY OF THE VIBRISSAE OF A PACIFIC WALRUS (*ODOBENUS ROSMARUS DIVERGENS*) PART 1. *Aquat. Mamm.* 14(3):123-133. 1988. WR 213
[Harderwijk Mar. Mammal Park, Strandboulevard-oost 1, 3841 AB Harderwijk, Netherlands]

89-003975 Kato, Hidehiro. FURTHER ESTIMATION OF MEAN SIZE AT RECRUITMENT FOR THE SOUTHERN MINKE WHALE IN THE ANTARCTIC WHALING OPERATIONS (JAPAN + USSR). *Rep. Int. Whaling Comm.* 38:503-504. 1988. Abstract only. WR 213
[Whales Res. Inst., 3-32-11 Ohjima, Koto-ku, Tokyo 136, Japan] *Balaenoptera acutorostrata*.

89-003976 Kato, Hidehiro; Mototaka Sone; Mitsutoshi Kashiwa and Hirohisa Tokiwa. SUMMARY OF PRELIMINARY EXPERIMENTS USING AN IMAGE PROCESSING SYSTEM TO ENHANCE THE AGE DETERMINATION OF THE SOUTHERN MINKE

MARINE MAMMALS (CONTINUED)

89-003976 CONTINUED WHALE FROM EARPLUGS. *Rep. Int. Whaling Comm.* 38:269-272. 1988. WR 213
[Whales Res. Inst., 3-32-11 Ohjima, Koto-ku, Tokyo 136, Japan] *Balaenoptera acutorostrata.*

89-003977 Kennedy, S.; J. A. Smyth; P. F. Cush; P. Duignan; M. Platten; S. J. McCullough and G. M. Allan. HISTOPATHOLOGIC AND IMMUNOCYTOCHEMICAL STUDIES OF DISTEMPER IN SEALS. *Vet. Pathol.* 26(2):97-103. 1989. WR 213
[Dep. Pathol., Vet. Res. Lab., Stoney Rd., Stormont, Belfast BT4 3SD, Ireland]

89-003978 Kerley, G. I. H. ELECTROPHORETIC TRANSFERRIN VARIATION IN FUR SEALS (*ARCTOCEPHALUS* SPP.) AT MARION ISLAND. *Comp. Biochem. Physiol. B Comp. Biochem.* 92(2):361-364. 1989. WR 213
[Dep. Zool., Univ. Port Elizabeth, P.O. Box 1600, Port Elizabeth 6000, South Africa] *Arctocephalus gazella.*

89-003979 Kishino, Hirohisa. SAMPLING FROM THE PATCHILY DISTRIBUTED POPULATION. *Rep. Int. Whaling Comm.* 38:504. 1988. Abstract only. WR 213
[Inst. Stat. Math., 4-6-7 Minami-Azabu, Minato-ku, Tokyo 106, Japan]

89-003980 Kishino, Hirohisa; Fujio Kasamatsu and Tasuki Toda. ON THE DOUBLE LINE TRANSECT METHOD. *Rep. Int. Whaling Comm.* 38:273-279. 1988. WR 213
[Inst. Stat. Math., 4-6-7 Minami-Azabu, Minato-ku, Tokyo 106, Japan]

89-003981 Kjeld, M. and I. Olafsson. SERUM PROGESTERONE AND TESTOSTERONE VALUES IN FIN WHALES CAUGHT OFF ICELAND AND THEIR RELATION TO PREGNANCY RATE AND SEASON. A FURTHER STUDY. *Rep. Int. Whaling Comm.* 38:507. 1988. Abstract only. WR 213
[Dep. Clin. Biochem., Landspitalinn, Univ. Hospital, 101 Reykjavik, Iceland]

89-003982 Klecha, Florence. BREEDING SUCCESS AND REARING OF OFFSPRING IN A GROUP OF CALIFORNIA SEA LIONS (*ZALOPHUS CALIFORNIANUS CALIFORNIANUS*). *Anim. Keepers' Forum* 15(12):428-442. 1988. WR 213
[N.Y. Zool. Park, Bronx]

89-003983 Klinowska, Margaret. PRELIMINARY LIST OF CATCHES, LIVE STRANDINGS AND SIGHTINGS OF THE PILOT WHALE (*GLOBICEPHALA MELAENA*) IN THE BRITISH AND IRISH ISLANDS. *Rep. Int. Whaling Comm.* 38:510-511. 1988. Abstract only. WR 213
[Res. Group Mammalian Ecol. & Reprod., Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England]

89-003984 Kooyman, Gerald L. DIVING PHYSIOLOGY: MARINE MAMMALS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 721-734. 1989. WR 213
[Scripps Inst. Oceanogr., Univ. Calif. San Diego, La Jolla]

89-003985 Krogman, Bruce D. and Dann R. Corbit. A PHOTOGRAPHIC STUDY OF ENVIRONMENTAL FACTORS AFFECTING THE 1985 VISUAL AND ACOUSTIC POPULATION ESTIMATES OF BOWHEADS WHALES (*BALAENA MYSTICETUS*), PASSING PT. BARROW, ALASKA. *Rep. Int. Whaling Comm.* 38:508. 1988. Abstract only. WR 213
[Analyt. Software, Inc., 1914 N. 34th St., Suite 302, Seattle, WA 98103]

MARINE MAMMALS (CONTINUED)

89-003986 Kruse, Susan L.; Stephen Leatherwood; W. P. Prematunga; Chandana Mendes and Asoka Gamage. RECORDS OF RISSO'S DOLPHINS, *GRAMPUS GRISEUS*, IN THE INDIAN OCEAN, 1891-1986. *Rep. Int. Whaling Comm.* 38:511. 1988. Abstract only. WR 213
[Inst. Mar. Sci., Long Mar. Lab., Univ. Calif., Santa Cruz 95064]

89-003987 Lambertsen, R. H. and D. A. Duffield. BIOPSY STUDIES OF THE HUMPBACK WHALE (*MEGAPTERA NOVAEANGLIAE*). *Rep. Int. Whaling Comm.* 38:510. 1988. Abstract only. WR 213
[Inst. Biomed. Aquat. Studies, Univ. Fla., Gainesville 32610-0144]

89-003988 Lankester, Kees. THE STOCK BOUNDARIES OF WHALES: IMPLEMENTATION IN THE COMPREHENSIVE ASSESSMENT. *Rep. Int. Whaling Comm.* 38:514. 1988. Abstract only. WR 213
[Inst. Theor. Biol., Univ. Leiden, Groenhovenstr. 5, 2311 BT Leiden, Netherlands]

89-003989 Lankester, Kees. SIMULATIONS FROM A SIMPLE MIGRATION MODEL FOR WHALE STOCKS. *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[Inst. Theor. Biol., Univ. Leiden, Groenhovenstr. 5, 2311 BT Leiden, Netherlands]

89-003990 Larsen, F. REVIEW OF INFORMATION ON WEST GREENLAND FIN WHALES. *Rep. Int. Whaling Comm.* 38:509. 1988. Abstract only. WR 213
[Greenland Fish. Res. Inst., Tagensvej 135, 1.sal DK-2200 Copenhagen N, Denmark]

89-003991 Larsen, Finn and Nils Oien. ON THE DISCRETENESS OF STOCKS OF MINKE WHALES AT EAST AND WEST GREENLAND. *Rep. Int. Whaling Comm.* 38:251-255. 1988. WR 213
[Greenland Fish. Res. Inst., Tagensvej 135, 1.sal DK-2200 Copenhagen N, Denmark] *Balaenoptera acutorostrata.*

89-003992 Leatherwood, S.; R. A. Kastelein and P. S. Hammond. ESTIMATE OF NUMBERS OF COMMERSON'S DOLPHINS IN A PORTION OF THE NORTHEASTERN STRAIT OF MAGELLAN, JANUARY-FEBRUARY 1984. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 93-102. 1988. WR 213
[Sea World Res. Inst., Hubbs Mar. Res. Cent., San Diego, CA 92109]

89-003993 Leatherwood, Stephen; Donna McDonald; W. P. Prematunga; Anouk Ilangakoon; Philip Girton and Dennis McBrearty. RECORDS OF THE 'BLACKFISH' (KILLER, FALSE KILLER, PILOT, PYGMY KILLER, AND MELON-HEADED WHALES) IN THE INDIAN OCEAN CETACEAN SANCTUARY, 1772-1986. *Rep. Int. Whaling Comm.* 38:511. 1988. Abstract only. WR 213
[Hubbs Mar. Res. Lab., 1700 S. Shores Rd., San Diego, CA 92109] *Orcinus orca, Globicephala melaena, Feresa attenuata, Pseudorca crassidens,* and *Peponocephala electra.*

89-003994 Leatherwood, Stephen; Ronald A. Kastelein and Karen W. Miller. OBSERVATIONS OF COMMERSON'S DOLPHIN AND OTHER CETACEANS IN SOUTHERN CHILE, JANUARY-FEBRUARY 1984. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 71-83. 1988. WR 213
[Sea World Res. Inst., Hubbs Mar. Res. Cent., San Diego, CA 92109] *Cephalorhynchus commersonii.*

MARINE MAMMALS (CONTINUED)

89-003995 Lens, S. and J. M. Rey. THE MINKE WHALE AROUND THE IBERIAN PENINSULA. *Rep. Int. Whaling Comm.* 38:505-506. 1988. Abstract only. WR 213
[Inst. Espanol. Oceanogr., Cabo Estay, Apdo. 1552, 36080 Vigo, Spain] *Balaenoptera acutorostrata.*

89-003996 Ljungblad, Donald K.; Sue E. Moore and John C. Bennett. PRELIMINARY RESULTS OF AN ACOUSTIC STUDY CONDUCTED OFF BARTER ISLAND, ALASKA DURING THE 1986 FALL BOWHEAD WHALE (*BALAENA MYSTICETUS*) MIGRATION. *Rep. Int. Whaling Comm.* 38:507-508. 1988. Abstract only. WR 213
[Code 514, Naval Oceans Syst. Cent., San Diego, CA 92152]

89-003997 Lockyer, C.; R. N. P. Goodall and A. R. Galeazzi. AGE AND BODY LENGTH CHARACTERISTICS OF *CEPHALORHYNCHUS COMMERSONII* FROM INCIDENTALLY-CAUGHT SPECIMENS OFF TIERRA DEL FUEGO. *Rep. Int. Whaling Comm. Spec. Issue* No. 9. p. 103-118. 1988. WR 213
[Sea Mammal Res. Unit, c/o British Antarctic Surv., Madingley Rd., High Cross, Cambridge CB3 0ET, England]

89-003998 Lockyer, Christina and Tim Waters. PRELIMINARY STUDIES OF PILOT WHALES FROM FAROESE WATERS SINCE 1986: BODY WEIGHT AND TISSUE LIPID CONTENT. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[Sea Mammal. Res. Unit, c/o British Antarct. Surv., High Cross, Madingley Rd., Cambridge CB3 0ET, England] *Globicephala melaena.*

89-003999 Lockyer, Christina and Tim Waters. PRELIMINARY STUDIES OF PILOT WHALES FROM FAROESE WATERS SINCE 1986: AGE DETERMINATION. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[Sea Mammal. Res. Unit, c/o British Antarct. Surv., High Cross, Madingley Rd., Cambridge CB3 0ET, England] *Globicephala melaena.*

89-004000 Lyrholm, Thomas. PHOTOIDENTIFICATION OF KILLER WHALES *ORCINUS ORCA*, OFF THE COAST OF NORWAY--PRELIMINARY RESULTS, 1983-86. *Rep. Int. Whaling Comm.* 38:513. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Stockholm, S-106 91 Stockholm, Sweden]

89-004001 Marsh, Helen D. MASS STRANDING OF DUGONGS BY A TROPICAL CYCLONE IN NORTHERN AUSTRALIA. *Mar. Mamm. Sci.* 5(1):78-84. 1989. WR 213
[Zool. Dep., James Cook Univ., Townsville, Qld. 4811, Australia] *Dugong dugon.*

89-004002 Martin, A. R. and G. Desportes. PRELIMINARY STUDIES OF PILOT WHALES FROM FAROESE WATERS SINCE 1986: REPRODUCTION AND FOETAL GROWTH. *Rep. Int. Whaling Comm.* 38:512. 1988. Abstract only. WR 213
[Sea Mammal. Res. Unit, c/o British Antarct. Surv., High Cross, Madingley Rd., Cambridge CB3 0ET, England] *Globicephala melaena.*

89-004003 Mehl, L. M. SCANNING BY HARBOR SEALS FOR PREDATORS. *Proc. Iowa Acad. Sci.* 94(1):224. 1987. Abstract only. WR 213
[Dep. Biol., Simpson Coll., Indianola, IA 50125] *Phoca vitulina* in Alaska.

89-004004 Miyashita, Tomio and Toshio Kasuya. DISTRIBUTION AND ABUNDANCE OF DALL'S PORPOISES OFF JAPAN. *Rep. Int. Whaling Comm.* 38:512. 1988. Abstract only. WR 213

MARINE MAMMALS (CONTINUED)

89-004004 CONTINUED
[Far Seas Fish. Res. Lab., 5-7-1 Orido, Shimizushi, Shizuokaken 424 Japan] *Phocoenoides dalli*.

89-004005 Moore, Sue E.; John C. Bennett and Donald K. Ljungblad. COMPARISON OF OBSERVED PATTERNS OF BOWHEAD WHALE (*BALAENA MYSTICETUS*) BATHYMETRIC HABITAT PREFERENCE TO DESCRIBE THE FALL MIGRATION ROUTE ACROSS THE ALASKAN BEAUFORT SEA, 1979-86. *Rep. Int. Whaling Comm.* 38:508. 1988. Abstract only. WR 213
[SEACO, Inc., 2845-D Nimitz Blvd., San Diego, CA 92106]

89-004006 Nerini, M. K.; D. Withrow and K. Strickland. LENGTH STRUCTURE OF THE BOWHEAD WHALE POPULATION DERIVED FROM AERIAL PHOTOGRAMMETRY, WITH NOTES ON RECRUITMENT, SPRING 1985 AND 1986. *Rep. Int. Whaling Comm.* 38:509. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115-0070] *Balaena mysticetus*.

89-004007 Nerini, M. K.; J. M. Brooks and R. Pflaum. PRELIMINARY EXAMINATION OF CARBON ISOTOPE COMPOSITION OF BOWHEAD WHALE BALEEN PLATES. *Rep. Int. Whaling Comm.* 38:510. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115] *Balaena mysticetus*.

89-004008 Nicol, D. I. A REVIEW AND UPDATE OF THE TASMANIAN CETACEAN STRANDING RECORD TO THE END OF FEBRUARY 1986. *Environ. Studies Working Paper - Univ. Tasm.* 21:1-97. 1987. From Ecol. Abstr. 88/6:88L/7584. 1988. WR 213

89-004009 Nores, Carlos and Concepcion Perez. THE OCCURRENCE OF WALRUS (*ODOBENUS ROSMARUS*) IN SOUTHERN EUROPE. *J. Zool. (Lond.)* 216(4):593-596. 1988. WR 213
[Dep. Biol. Organ. & Sist., Fac. Biol., Univ. Oviedo, 33071 Oviedo, Spain]

89-004010 Oien, Nils. LENGTH DISTRIBUTIONS IN CATCHES FROM THE NORTHEASTERN ATLANTIC STOCK OF MINKE WHALES. *Rep. Int. Whaling Comm.* 38:289-295. 1988. WR 213
[Inst. Mar. Res., P.O. Box 1870, Nordnes, N-5024 Bergen, Norway] *Balaenoptera acutorostrata*.

89-004011 Oien, Nils. MULTISPECIES CATCHES BY NORWEGIAN SMALL-TYPE WHALERS WITH SPECIAL REFERENCE TO THE SIGNIFICANCE OF BOTTLENOSE CATCHES FOR THE BARENTS SEA MINKE WHALE CPUE INDICES. *Rep. Int. Whaling Comm.* 38:504. 1988. Abstract only. WR 213
[Inst. Mar. Res., P.O. Box 1870, N-5011 Nordnes-Bergen, Norway] *Balaenoptera acutorostrata* and *Tursiops truncatus*.

89-004012 Orton, Lisa Schichtel. FIN WHALE MECHANICS: BLUBBER AS A STRUCTURAL MATERIAL. *Ph.D. dissertation, Duke Univ.* 194p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3051-3052. 1989. Order No. DA8822032. WR 213
Balaenoptera physalus.

89-004013 Paterson, Robert and Patricia Paterson. THE STATUS OF THE RECOVERING STOCK OF HUMPBACK WHALES *MEGAPTERA NOVAEANGLIAE* IN EAST AUSTRALIAN WATERS. *Biol. Conserv.* 47(1):33-48. 1989. WR 213
[P.O. Box 397, Indooroopilly, Qld. 4068, Australia]

MARINE MAMMALS (CONTINUED)

89-004014 Peddemors, V. M. and G. J. B. Ross. FIRST RECORD OF THE MELON-HEADED WHALE *PEPONOCEPHALA ELECTRA* (GRAY, 1846) FOR THE EAST AFRICAN COAST. *Afr. J. Ecol.* 26(4):345-346. 1988. In English. WR 213
[Natal Sharks Board, Private Bag 2, Umhlanga Rocks 4320, South Africa]

89-004015 Prendergast, Ron. A NEW APPORACH TO PINNIPED MANAGEMENT AT THE MELBOURNE ZOO. *Thylacinus* 13(3):3-7. 1988. WR 213
Phoca vitulina and *Arctocephalus pusillus doriferus.*

89-004016 Raftery, Adrian E.; Philip Turet and Judith E. Zeh. A PARAMETRIC EMPIRICAL BAYES APPROACH TO INTERVAL ESTIMATION OF BOWHEAD WHALE, *BALAENA MYSTICETUS*, POPULATION SIZE. *Rep. Int. Whaling Comm.* 38:377-388. 1988. WR 213
[Dep. Stat., GN-22, Univ. Wash., Seattle 98195]

89-004017 Reed, Mark; Katherine Jayko; Ann Bowles and Steve Leatherwood. NUMERICAL MODELS OF BOWHEAD AND GRAY WHALE MIGRATION IN ALASKAN WATERS. *Ecol. Modell.* 44(1/2):1-42. 1988. WR 213
[Appl. Sci. Assoc., 70 Dean Knauss Dr., Narragansett, RI 02882] *Balaena mysticetus* and *Eschrichtius robustus.*

89-004018 Reeves, Randall R. EXPLOITATION OF CETACEANS IN ST. LUCIA, LESSER ANTILLES, JANUARY 1987. *Rep. Int. Whaling Comm.* 38:445-447. 1988. WR 213
[Okapi Wildl. Assoc. Regd., 27 Chandler Ln., Hudson, PQ, Canada J0P 1H0] *Globicephala sieboldii, Physeter catodon*, and *Orcinus orca.*

89-004019 Rorvik, Carl Jakob and Nils Oien. A NOTE ON THE ASSESSMENTS OF NORTHEAST ATLANTIC MINKE WHALES. *Rep. Int. Whaling Comm.* 38:297-299. 1988. WR 213
[Mar. Data Consult., Asehagen 46, N-4300 Sandnes, Norway] *Balaenoptera acutorostrata.*

89-004020 Rosenfeld, M.; M. George and J. M. Terhune. EVIDENCE OF AUTUMNAL HARBOUR SEAL, *PHOCA VITULINA*, MOVEMENT FROM CANADA TO THE UNITED STATES. *Can. Field-Nat.* 102(3):527-529. 1988. WR 213
[Terhune: Dep. Biol., Univ. New Brunswick, P.O. Box 5050, St. John, NB, Canada E2L 4L5]

89-004021 Rugh, David. REIDENTIFICATION OF INDIVIDUAL BOWHEAD WHALES THROUGH AERIAL PHOTOGRAPHY NEAR POINT BARROW, ALASKA. *Rep. Int. Whaling Comm.* 38:509. 1988. Abstract only. WR 213
[Natl. Mar. Mammal Lab., Alaska Fish. Cent., Seattle, WA 98115-0070] *Balaena mysticetus.*

89-004022 Samaras, William F. NEW HOST RECORD FOR THE BARNACLE *CRYPTOLEPAS RHACHIANECTI* DALL, 1872 (BALANOMORPHA: CORONULIDAE). *Mar. Mamm. Sci.* 5(1):84-87. 1989. WR 213
[Sect. Birds & Mammals, Nat. Hist. Mus., 900 Exposition Blvd., Los Angeles, CA 90007] *Orcinus orca* in California.

MARINE MAMMALS (CONTINUED)

89-004023 Sanpera, C. and L. Jover. POPULATION ESTIMATE OF PILOT WHALES (*GLOBICEPHALA MELAENA*) IN NORTHEASTERN ATLANTIC WATERS. ***Rep. Int. Whaling Comm.*** 38:512. 1988. Abstract only. WR 213
[Dep. Anim. Biol. (Vertebr.), Fac. Biol., Univ. Barcelona, Barcelona 08071, Spain]

89-004024 Schroeder, J. Pete and Karl V. Keller. SEASONALITY OF SERUM TESTOSTERONE LEVELS AND SPERM DENSITY IN *TURSIOPS TRUNCATUS*. ***J. Exp. Zool.*** 249(3):316-321. 1989. WR 213
[Naval Ocean Syst. Cent., Hawaii Lab., Kailua 96734]

89-004025 Shaughnessy, P. D. and K. R. Kerry. CRABEATER SEALS *LOBODON CARCINOPHAGUS* DURING THE BREEDING SEASON: OBSERVATIONS ON FIVE GROUPS NEAR ENDERBY LAND, ANTARCTICA. ***Mar. Mamm. Sci.*** 5(1):68-77. 1989. WR 213
[CSIRO Div. Wildl. & Ecol., P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

89-004026 Sigurjonsson, Johann; Gisli Vikingsson; Erlendur Jonsson; Thomas Lyrholm and Stephen Leatherwood. PHOTOIDENTIFICATION OF KILLER WHALES, *ORCINUS ORCA*, OFF ICELAND, 1981 THROUGH 1986. ***Rep. Int. Whaling Comm.*** 38:511-512. Abstract only. WR 213
[Mar. Res. Inst., P.O. Box 1390, Skulagata 4, 121 Reykjavik, Iceland]

89-004027 Sigurjonsson, Johann. OPERATIONAL FACTORS OF THE ICELANDIC LARGE WHALE FISHERY. ***Rep. Int. Whaling Comm.*** 38:327-333. 1988. WR 213
[Program Whale Res., Mar. Res. Inst., P.O. Box 1390, Skulagata 4, 121 Reykjavik, Iceland] ***Balaenoptera physalus*, *B. musculus*, *B. borealis*, *Physeter catodon***, and ***Megaptera novaeangliae***.

89-004028 Skora, K. E.; I. Pawliczka and M. Klinowska. OBSERVATIONS OF THE HARBOUR PORPOISE (*PHOCOENA PHOCOENA*) ON THE POLISH BALTIC COAST. ***Aquat. Mamm.*** 14(3):113-119. 1988. WR 213
[Klinowska: Res. Group Mammal. Ecol. & Reprod., Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England]

89-004029 Slooten, Elisabeth and Stephen M. Dawson. STUDIES ON HECTOR'S DOLPHIN, *CEPHALORHYNCHUS HECTORI*: A PROGRESS REPORT. ***Rep. Int. Whaling Comm. Spec. Issue*** No. 9. p. 325-338. 1988. WR 213
[Zool. Dep., Canterbury Univ., Christchurch, New Zealand]

89-004030 Sonntag, Ron M.; Robert Hodges; William T. Ellison and Bruce D. Krogman. REFRACTION EFFECTS IN THE ARCTIC ENVIRONMENT APPLIED TO THE VISUAL CENSUSING OF BOWHEAD WHALES, *BALAENA MYSTICETUS*. ***Rep. Int. Whaling Comm.*** 38:508-509. 1988. Abstract only. WR 213
[Analyt. Software, Inc., 1914 N. 34th St., Suite 302, Seattle, WA 98103]

89-004031 Sonntag, Ronald M.; William T. Ellison and Dann R. Corbit. PARAMETRIC SENSITIVITY OF A TRACKING ALGORITHM AS APPLIED TO THE MIGRATION OF BOWHEAD WHALES, *BALAENA MYSTICETUS*, NEAR PT. BARROW, ALASKA. ***Rep. Int. Whaling Comm.*** 38:337-347. 1988. WR 213
[Analytical Software, Inc., P.O. Box 51048, Seattle, WA 98115]

89-004032 Spilliaert, R. and A. Arnason. A PROGRESS REPORT ON AN ELECTROPHORETIC STUDY OF LIVER ESTERASES IN FIN WHALES (*BALAENOPTERA PHYSALUS*) FROM ICELANDIC WATERS AND A COMPARISON WITH THREE OTHER

MARINE MAMMALS (CONTINUED)

89-004032 CONTINUED SPECIES: SEI (*B. BOREALIS*), MINKE (*B. ACUTOROSTRATA*), AND PILOT WHALES (*GLOBICEPHALA MELAENA*). *Rep. Int. Whaling Comm.* 38:515. 1988. Abstract only. WR 213
[Genet. Div., Blood Bank, Reykjavik, Iceland]

89-004033 Stone, Gregory S.; Scott D. Kraus; John H. Prescott and Katherine W. Hazard. SIGNIFICANT AGGREGATIONS OF THE ENDANGERED RIGHT WHALE, *EUBALAENA GLACIALIS*, ON THE CONTINENTAL SHELF OF NOVA SCOTIA. *Can. Field-Nat.* 102(3):471-474. 1988. WR 213
[Coll. Atlantic, Bar Harbor, MA 04609]

89-004034 Sylvestre, Jean-Pierre. NOTE ON THREE DWARF SPERM WHALES *KOGIA SIMUS* (OWEN, 1866) AND COMMENTS ON KOGIIDS OF JAPANESE COASTS. *Aquat. Mamm.* 14(3):120-122. 1988. WR 213
[S.E.C.T., 4, allee de la foret, 92360 MEUDON LA FORET, France]

89-004035 Taggart, Spencer James. GROUPING BEHAVIOR OF PACIFIC WALRUSES (*ODOBENUS ROSMARUS DIVERGENS* ILLIGER), AN EVOLUTIONARY PERSPECTIVE. *Ph.D. dissertation, Univ. Calif. (Santa Cruz)* 169p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(6):2029. 1988. Order No. DA8810715. WR 213

89-004036 Tarpley, Raymond J.; Raymond F. Sis; Thomas F. Albert; Leslie M. Dalton and John C. George. OBSERVATIONS ON THE ANATOMY OF THE STOMACH AND DUODENUM OF THE BOWHEAD WHALE, *BALAENA MYSTICETUS*. *Am. J. Anat.* 180(3):295-322. 1987. WR 213
[Dep. Vet. Anat., Tex. A&M Univ., College Station 77843]

89-004037 Upton, Steve J.; Daniel K. Odell; Gregory D. Bossart and Michael T. Walsh. DESCRIPTION OF THE OOCYSTS OF TWO NEW SPECIES OF *EIMERIA* (APICOMPLEXA: EIMERIIDAE) FROM THE FLORIDA MANATEE, *TRICHECHUS MANATUS* (SIRENIA: TRICHECHIDAE). *J. Protozool.* 36(1):87-90. 1989. WR 213
[Div. Biol., Ackert Hall, Kans. State Univ., Manhattan 66506]

89-004038 Vikingsson, Gisli and Johann Sigurjonsson. ON THE RELATIONSHIP BETWEEN WEIGHT, LENGTH AND GIRTH DIMENSIONS IN FIN AND SEI WHALES CAUGHT OFF ICELAND. *Rep. Int. Whaling Comm.* 38:323-326. 1988. WR 213
[Program Whale Res., Mar. Res. Inst., P.O. Box 1390 Skulagata 4, 121 Reykjavik, Iceland] *Balaenoptera borealis* and *B. physalus*.

89-004039 Wada, Shiro. CATCH AND CPUE TREND FOR THE OKHOTSK SEA-WEST PACIFIC STOCK OF MINKE WHALES, 1977-86. *Rep. Int. Whaling Comm.* 38:281-283. 1988. WR 213
[Far Seas Fish. Res. Lab., 5-7-1 Orido, Shimizu 424, Japan] *Balaenoptera acutorostrata*.

89-004040 Wada, Shiro. ON THE IDENTITY OF A MINKE WHALE STOCK IN THE YELLOW SEA-SEA OF JAPAN. *Rep. Int. Whaling Comm.* 38:285-287. 1988. WR 213
[Far Seas Fish. Res. Lab., 5-7-1 Orido, Shimizu 424, Japan]

89-004041 Wahlen, Bruce E.; Ruth B. Miller and Stephanie J. Ladiana. COMPOSITION OF THE INCIDENTAL KILL OF SMALL CETACEANS IN THE US PURSE-SEINE FISHERY FOR TUNA IN THE EASTERN TROPICAL PACIFIC DURING 1986.

89-004041 CONTINUED *Rep. Int. Whaling Comm.* 38:403-405. 1988. WR 213
[Southwest Fish. Cent., NMFS, NOAA, P.O. Box 271, La Jolla, CA 92038] *Stenella attenuata, S. longirostris, S. coeruleoalba, Delphinus delphis, Lagenodelphis hosei,* and *Tursiops truncatus.*

89-004042 Walker, L. A.; L. Cornell; K. D. Dahl; N. M. Czekala; C. M. Dargen; B. Joseph; Aaron J. W. Hsueh and B. L. Lasley. URINARY CONCENTRATIONS OF OVARIAN STEROID HORMONE METABOLITES AND BIOACTIVE FOLLICLE-STIMULATING HORMONE IN KILLER WHALES *(ORCINUS ORCHUS)* DURING OVARIAN CYCLES AND PREGNANCY. *Biol. Reprod.* 39(5):1013-1020. 1988. WR 213
[Lasley: Dep. Reprod., School Vet. Med., Univ. Calif., Davis 95616]

89-004043 Ward, A. J. ACCOUNTING FOR THE EFFECT OF POD SIZE IN THE ESTIMATION OF BLOW RATES: ANALYSIS OF DATA FROM THE 1984/85, 85/86 AND 86/87 IDCR MINKE WHALE ASSESSMENT CRUISES. *Rep. Int. Whaling Comm.* 38:265-268. 1988. WR 213
[Sea Mammal Res. Unit, c/o British Antarct. Surv., High Cross, Madingley Rd., Cambridge CB3 0ET, England] *Balaenoptera acutorostrata.*

89-004044 Watts, Paul D. BOWHEAD WHALE, *BALAENA MYSTICETUS,* SIGHTINGS OFF THE COAST OF MANITOBA. *Can. Field-Nat.* 102(3):538-539. 1988. WR 213
[Inst. Arctic Ecophysiol., Box 1028, Churchill, MB, Canada R0B 0E0]

89-004045 Whitehead, C. H. 1987 GALAPAGOS SPERM WHALE STUDY: BRIEF INTERIM REPORT TO IWC. *Rep. Int. Whaling Comm.* 38:503. 1988. Abstract only. WR 213
[Dep. Biol., Dalhousie Univ., Halifax, NS, Canada B3H 4J1]

89-004046 Yonezawa, M.; H. Nakamine; T. Tanaka and T. Miyaji. HODGKIN'S DISEASE IN A KILLER WHALE *(ORCINUS ORCA). J. Comp. Pathol.* 100(2):203-207. 1989. WR 213
[Anim. Hospital, Adventure-World World Safari, Co., Ltd., Shirahama-Cho, Nishimuro-Gun, Wakayama 649-22, Japan]

89-004047 Zasypkin, M. Yu. GENETIC STRUCTURE OF POPULATIONS OF TRUE SEALS OF THE SUBFAMILY PHOCINAE OF THE SEA OF OKHOTSK. I. METHODS OF ELECTROPHORESIS; DESCRIPTION AND INTERPRETATION OF NONENZYME PROTEINS. *Sov. Genet. (Engl. Transl. Genetika)* 23(2):231-237. 1987. WR 213
[Inst. Biol. Problems N., Far East. Sci. Cent., Acad. Sci., Magadan, USSR]

89-004048 Zasypkin, M. Yu. GENETIC STRUCTURE OF POPULATIONS OF TRUE SEALS OF THE PHOCINAE SUBFAMILY OF THE SEA OF OKHOTSK. II. DESCRIPTION AND GENETIC INTERPRETATION OF ENZYMES. *Sov. Genet. (Engl. Transl. Genetika)* 23(5):603-609. 1987. WR 213
[Inst. Biol. Problems N., Far East. Sci. Cent., Acad. Sci., Magadan, USSR]

89-004049 Zeh, Judith E. EFFECTS OF CHANGING 1978-1983 VISUAL CENSUS PARAMETERS ON BOWHEAD WHALE, *BALAENA MYSTICETUS,* POPULATION SIZE ESTIMATES. *Rep. Int. Whaling Comm.* 38:371-376. 1988. WR 213
[Dep. Stat., Univ. Wash., Seattle 98195]

89-004050 Zeh, Judith E.; Philip Turet; Robert Gentleman and Adrian E. Raftery. POPULATION SIZE ESTIMATION FOR THE BOWHEAD WHALE, *BALAENA MYSTICETUS,* BASED ON 1985 VISUAL AND ACOUSTIC DATA. *Rep. Int. Whaling*

MARINE MAMMALS (CONTINUED)

89-004050 CONTINUED *Comm*. 38:349-364. 1988. WR 213
[Dep. Stat., Univ. Wash., Seattle 98195]

UNGULATES--GENERAL

89-004051 Drager, N. and N. Allan. [THE USE OF A NETGUN TO CAPTURE AFRICAN UNGULATES.] *Z. Jagdwiss*. 34(4):256-260. 1988. In German with English and French summ. WR 213

89-004052 Escos, J. and C. L. Alados. ESTIMATING MOUNTAIN UNGULATE DENSITY IN SIERRAS DE CAZORLA Y SEGURA. *Mammalia* 52(3):425-428. 1988. WR 213
[Estac. Exp. Zonas Aridas (C.S.I.C.), General Segura, 1, 04001 Almeria, Spain] *Capra pyrenaica, Dama dama, Cervus elaphus,* and *Ovis ammon* in Spain.

89-004053 Heuschele, Werner P. MALIGNANT CATARRHAL FEVER - A REVIEW OF A SERIOUS DISEASE HAZARD FOR EXOTIC AND DOMESTIC RUMINANTS. *Zool. Gart.* 58(2):123-133. 1988. In English. WR 213
[Cent. Reprod. Endangered Species, Zool. Soc., San Diego, CA 92112]

89-004054 Hnida, John A. MOTHER-INFANT INTERACTIONS IN THE DEVELOPMENT OF FEEDING BEHAVIOR IN CAPTIVE UNGULATES. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 260-272. 1988. WR 213

89-004055 Metzgar, Lee H. and Ernest Boyd. STABILITY PROPERTIES IN A MODEL OF FORAGE-UNGULATE-PREDATOR INTERACTIONS. *Nat. Resour. Modeling* 3(1):3-43. 1988. WR 213
[School For. Wildl. Biol., Univ. Mont., Missoula]

89-004056 Mushi, E. Z. THE ROLE OF WILD UNGULATES IN THE EPIDEMIOLOGY OF BOVINE MALIGNANT CATARRHAL FEVER. *In: Wildlife/Livestock Interfaces on Rangelands. Susan MacMillan, editor*. p. 69-71. 1986. WR 213
[Fac. Vet. Sci., Univ. Zimbabwe, P.O. Box MP 167, Harare, Zimbabwe]

89-004057 Owen-Smith, R. N. MEGAHERBIVORES: THE INFLUENCE OF VERY LARGE BODY SIZE ON ECOLOGY. *Cambridge Univ. Press*. 369p. 1989. Available at $64.50 (cloth) from Cambridge Univ. Press, 32 E. 57th St., New York, NY 10022. WR 213

89-004058 Simerson, Curby F. HOOF MAINTENANCE OF CAPTIVE UNGULATES. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 97-112. 1988. WR 213
[Mammal Dep., San Diego Zool. Soc., San Diego, CA 92112]

CERVIDS--GENERAL

89-004059 Anderson, Ronald. DEER FARMING IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 55-71. 1984. WR 213

CERVIDS--GENERAL (CONTINUED)

89-004060 Butcher, D. R. OBSTETRICS AND NEONATAL DISEASES OF DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 645-648. 1984. WR 213
[P.O. Box 20, Mosman, N.S.W. 2088, Australia] *Cervus elaphus, C. unicolor, C. timorensis, Dama dama, Odocoileus virginianus,* and *Axis axis* in Australia.

89-004061 Denholm, L. J. VETERINARY ASPECTS OF ANTLEROGENESIS AND COMMERCIAL VELVET ANTLER PRODUCTION. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 254-279. 1984. WR 213
[Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia]

89-004062 Denholm, L. J. THE NUTRITION OF FARMED DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 662-707. 1984. WR 213
[Vet. Res. Lab., Dep. Agric., Westmeadows, Vic. 3047, Australia]

89-004063 Denholm, L. J. PROJECTILE SYRINGE EQUIPMENT. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 710-737. 1984. WR 213
[Vet. Res. Lab., Dep. Agric., Westmeadows, Vic. 3047, Australia]

89-004064 English, A. W. THE AUSTRALIAN DEER FARMING INDUSTRY - PROGRESS AND PROSPECTS. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 533-540. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

89-004065 English, A. W. VETERINARY ASPECTS OF DEER FARMING IN NEW SOUTH WALES - AN UPDATE. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 427-460. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

89-004066 English, A. W. RUSA AND CHITAL DEER IN AUSTRALIA - THEIR BIOLOGY AND MANAGEMENT. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 407-415. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia] *Axis axis* and *Cervus timorensis*.

89-004067 English, A. W. THE PRODUCTION AND HARVESTING OF VELVET ANTLER IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 305-323. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

89-004068 English, A. W. VETERINARY ASPECTS OF DEER FARMING IN NEW SOUTH WALES. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 127-202. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

89-004069 English, A. W. MALIGNANT CATARRHAL FEVER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 481-485. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

89-004070 English, A. W. CHEMICAL RESTRAINT OF DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 325-350. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia]

CERVIDS--GENERAL (CONTINUED)

89-004071 Geburek, Th. [INVESTIGATIONS OF GENETIC DIFFERENTIATION IN THE CERVIDAE AS DETERMINED BY PROTEIN POLYMORPHISMS.] *Z. Jagdwiss.* 34(4):217-231. 1988. In German with English and French summ. WR 213

89-004072 Keep, J. M. THE DISTRIBUTION OF WILD DEER IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 15-19. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Sydney, N.S.W. 2006, Australia] *Dama dama, Axis axis, A. porcinus, Cervus elaphus, C. unicolor,* and *C. timorensis.*

89-004073 Keep, J. M. THE SEDATION AND IMMOBILISATION OF DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 21-28. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Sydney, N.S.W. 2006, Australia]

89-004074 Leslie, David M., Jr.; Jonathan A. Jenks; Maryellen Chilelli and Gerald R. Lavigne. NITROGEN AND DIAMINOPIMELIC ACID IN DEER AND MOOSE FECES. *J. Wildl. Manage.* 53(1):216-218. 1989. WR 213
[Coop. Fish & Wildl. Res. Unit, Dep. Zool., Okla. State Univ., Stillwater 74078] *Alces alces* and *Odocoileus virginianus.*

89-004075 Loudon, Andrew. RHYTHMS OF REPRODUCTION, METABOLISM AND COAT GROWTH IN DEER: A MODEL FOR ALL NON-DOMESTICATED SEASONAL UNGULATES? *Zool. J. Linn. Soc.* 95(2):107. 1989. Abstract only. WR 213
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-004076 MacKenzie, A. R. DEER FARMING IN QUEENSLAND. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 605-621. 1984. WR 213
[Dep. Primary Ind., P.O. Box 96, Ipswich, Qld. 4305, Australia] *Cervus elaphus, C. timorensis, Axis axis,* and *Dama dama.*

89-004077 MacKenzie, A. R. DISEASES OF DEER IN QUEENSLAND. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 595-602. 1984. WR 213
[Dep. Primary Ind., P.O. Box 96, Ipswich, Qld. 4305, Australia]

89-004078 Paynter, D. I.; C. G. Halpin and P. J. A. Presidente. TRACE ELEMENT BIOCHEMISTRY OF FARMED AND FREE-RANGING DEER IN VICTORIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 651-661. 1984. WR 213
[Dep. Agric., Regional Vet. Lab., P.O. Box 388, Benalla, Vic. 3672, Australia]

89-004079 Post Graduate Committee in Veterinary Science. REFRESHER COURSE FOR VETERINARIANS: DEER REFRESHER COURSE. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. 762p. 1984. WR 213
Selected papers indexed in this issue of *Wildlife Review.*

89-004080 Presidente, Paul J. A. PARASITES OF FARMED AND FREE-RANGING DEER IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 623-643. 1984. WR 213
["Attwood" Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia]

89-004081 Presidente, Paul J. A. ENDOPARASITES OF CAPTIVE AND FREE-RANGING DEER IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 235-251. 1984. WR 213

CERVIDS--GENERAL (CONTINUED)

89-004081 CONTINUED
["Attwood" Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia] *Cervus unicolor, C. elaphus, C. timorensis, Dama dama, Axis porcinus*, and *A. axis*.

89-004082 Presidente, Paul J. A. HAEMATOLOGY & SERUM BIOCHEMISTRY OF DEER IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 205-226. 1984. WR 213
["Attwood" Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia]

89-004083 Presidente, Paul J. A. and Harvey Westbury. A SEROLOGICAL SURVEY OF AUSTRALIAN DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 229-232. 1984. WR 213
["Attwood" Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia]

89-004084 Sheehy, Dennis Patrick. GRAZING RELATIONSHIPS OF ELK, DEER AND CATTLE ON SEASONAL RANGELANDS IN NORTHEASTERN OREGON. *Ph.D. dissertation, Oreg. State Univ.* 283p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2958. 1989. Order No. DA8811968. WR 213
Cervus elaphus nelsoni and *Odocoileus hemionus hemionus*.

89-004085 Shepherd, N. C. CAPTURE MYOPATHY. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 487-502. 1984. WR 213
[Box N189, Grosvenor St., P.O. Sydney, N.S.W. 2000, Australia]

89-004086 Taylor, Peter. TWELVE YEARS WITH "DEER FARMERS". *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 575-593. 1984. WR 213
[P.O. Box 82, Foster, Vic. 3960, Australia]

89-004087 Westbury, H. A. MALIGNANT CATARRHAL FEVER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 417-424. 1984. WR 213
[Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia]

89-004088 Wilson, Peter R. REPRODUCTION IN DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 375-391. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004089 Wilson, Peter R. NOTES ON GENERAL ANAESTHESIA OF DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 392-393. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004090 Wilson, Peter R. THE DEER INDUSTRY IN NEW ZEALAND - PROGRESS AND PROSPECTS. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 367-374. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004091 Wilson, Peter R. BLOOD PARAMETERS, SEROLOGY AND TRACE ELEMENTS IN DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 353-366. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

CERVIDS--GENERAL (CONTINUED)

89-004092 Wilson, Peter R. DISEASES OF FARMED DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 505-530. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004093 Wilson, Peter R. DISEASES RELEVANT TO DEER FARMING. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 105-125. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004094 Wilson, Peter R. ANTLER GROWTH AND CONTROL. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 31-44. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

89-004095 Wilson, Peter R. NUTRITION AND REPRODUCTION OF FARMED DEER. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 95-103. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand]

ODOCOILEUS

89-004096 Ackerman, Bruce Bennet. VISIBILITY BIAS OF MULE DEER AERIAL CENSUS PROCEDURES IN SOUTHEAST IDAHO. *Ph.D. dissertation, Univ. Idaho* 116p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2437. 1989. Order No. DA8819260. WR 213
Odocoileus hemionus.

89-004097 Alverson, William S.; Donald M. Waller and Stephen L. Solheim. FORESTS TOO DEER: EDGE EFFECTS IN NORTHERN WISCONSIN. *Conserv. Biol.* 2(4):348-358. 1988. In English with Spanish summ. WR 213
[Bot. Dep., Birge Hall, Univ. Wis., Madison 53706] *Odocoileus virginianus.*

89-004098 Austin, D. D. and A. B. Hash. MINIMIZING BROWSING DAMAGE BY DEER: LANDSCAPE PLANNING FOR WILDLIFE. *Utah Sci.* 49(3):66-70. 1989. WR 213
Odocoileus hemionus in Utah.

89-004099 Crewford, Hewlette S. and R. Larry Marchinton. A HABITAT SUITABILITY INDEX FOR WHITE-TAILED DEER IN THE PIEDMONT. *South. J. Appl. For.* 13(1):12-16. 1989. WR 213
[U.S. For. Serv., Northeast. For. Exp. Stn., Univ. Maine, Orono 04469] *Odocoileus virginianus* in the United States.

89-004100 Del Giudice, Glenn David. PHYSIOLOGICAL ASSESSMENT OF WINTER NUTRITIONAL STATUS OF WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) IN MINNESOTA BY URINE AND BLOOD ANALYSES. *Ph.D. dissertation, Univ. Minn.* 150p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2949. 1989. Order No. DA8823531. WR 213

89-004101 Fuller, Todd K.; Richard M. Pace III; Judy A. Markl and Pamela L. Coy. MORPHOMETRICS OF WHITE-TAILED DEER IN NORTH-CENTRAL MINNESOTA. *J. Mammal.* 70(1):184-188. 1989. WR 213
[For. Wildl. Popul. & Res. Group, Dep. Nat. Resour., Grand Rapids, MN 55744] *Odocoileus virginianus.*

ODOCOILEUS (CONTINUED)

89-004102 Gallagher, J. F.; T. G. Barnes and L. W. Varner. SEPARATING LEAVES FROM BROWSE FOR USE IN NUTRITIONAL STUDIES WITH HERBIVORES. *J. Range Manage.* 41(6):522-523. 1988. WR 213
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Odocoileus virginianus* in Texas.

89-004103 Griffith, Dennis Bradley. MULE DEER HABITAT SELECTION IN COLUMBIA RIVER RANGELANDS OF NORTHCENTRAL WASHINGTON. *Ph.D. dissertation, Univ. Idaho* 99p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3530. 1989. Order No. DA8825864. WR 213
Odocoileus hemionus.

89-004104 Holzenbein, Stefan and Georg Schwede. ACTIVITY AND MOVEMENTS OF FEMALE WHITE-TAILED DEER DURING THE RUT. *J. Wildl. Manage.* 53(1):219-223. 1989. WR 213
[School For. Resour., Univ. Ga., Athens 30602] *Odocoileus virginianus.*

89-004105 Jacobson, Harry A.; H. Joe Bearden and David B. Whitehouse. ARTIFICIAL INSEMINATION TRIALS WITH WHITE-TAILED DEER. *J. Wildl. Manage.* 53(1):224-227. 1989. WR 213
[Dep. Wildl. & Fish., Miss. State Univ., Mississippi State 39762] *Odocoileus virginianus.*

89-004106 Jenks, Jonathan A.; David M. Leslie, Jr.; Robert L. Lochmiller; M. Anthony Melchiors and William D. Warde. EFFECT OF COMPOSITING SAMPLES ON ANALYSIS OF FECAL NITROGEN. *J. Wildl. Manage.* 53(1):213-215. 1989. WR 213
[Coop. Fish & Wildl. Res. Unit, Dep. Zool., Okla. State Univ., Stillwater 74078] *Odocoileus virginianus* in Arkansas and Oklahoma.

89-004107 Kerr, Kenneth D. and William J. Peterson. LATE BREEDING IN THE WHITE-TAILED DEER, *ODOCOILEUS VIRGINIANUS*, IN NORTHERN MINNESOTA. *Can. Field-Nat.* 102(3):552-553. 1988. WR 213
[For. Wildl. Popul. & Res. Group, Minn. Dep. Nat. Resour., 1201 E. Hwy. 2, Grand Rapids 55744]

89-004108 Kucera, Thomas E. and Clinton McCarthy. HABITAT FRAGMENTATION AND MULE DEER MIGRATION CORRIDORS: A NEED FOR EVALUATION. *Trans. West. Sect. Wildl. Soc.* 24:61-67. 1988. WR 213
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Odocoileus hemionus* in California.

89-004109 Kufeld, Roland C.; David C. Bowden and Donald L. Schrupp. HABITAT SELECTION AND ACTIVITY PATTERNS OF FEMALE MULE DEER IN THE FRONT RANGE, COLORADO. *J. Range Manage.* 41(6):515-522. 1988. WR 213
[Colo. Div. Wildl., 317 W. Prospect, Fort Collins 80526] *Odocoileus hemionus hemionus.*

89-004110 McGinnis, Allison J. H. and Annie M. Wendt. RAISING WHITE-TAILED DEER FAWNS: KEEPING THEM WILD. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:55-64. 1987. WR 213
[St. Croix Valley Wildl. Rehab. Corp., P.O. Box 116, Somerset, WI 54025] *Odocoileus virginianus.*

ODOCOILEUS (CONTINUED)

89-004111 Nelson, Arthur C. ACCOMMODATING THE ENDANGERED COLUMBIAN WHITE-TAILED DEER HABITAT IN A SMALL SCALE RESIDENTIAL RESORT DEVELOPMENT. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors*. p. 84-91. 1986. WR 213
[Div. Urban Res. & Policy Studies, School Urban & Regional Studies, Univ. New Orleans, New Orleans, LA] *Odocoileus virginianus leucurus* in Oregon and Washington.

89-004112 Porter, Jessica A. and Athena McEntyre. DEFORMITIES IN SAN JUAN ISLANDS' COLUMBIA BLACK TAILED DEER. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:47-56. 1988. WR 213
[Wolf Hollow Wildl. Rehab. Cent., Friday Harbor, San Juan Island, WA 98250] *Odocoileus hemionus columbianus* in Washington.

89-004113 Rautenstrauch, Kurt R. and Paul R. Krausman. INFLUENCE OF WATER AVAILABILITY AND RAINFALL ON MOVEMENTS OF DESERT MULE DEER. *J. Mammal.* 70(1):197-201. 1989. WR 213
[EG & G Energy Measurements, P.O. Box 1912 (ms PO-3), Las Vegas, NV 89125] *Odocoileus hemionus* in Arizona.

89-004114 Telfer, Thomas C. STATUS OF BLACK-TAILED DEER ON KAUAI. *Trans. West. Sect. Wildl. Soc.* 24:53-60. 1988. WR 213
[Dep. Land & Nat. Resour., P.O. Box 1671, Lihue, HI 96766] *Odocoileus hemionus columbianus* in Hawaii.

89-004115 Van Vreede, Gary; Lisa C. Bradley; Fred C. Bryant and Thomas J. Deliberto. EVALUATION OF FORAGE PREFERENCE INDICES FOR WHITE-TAILED DEER. *J. Wildl. Manage.* 53(1):210-213. 1989. WR 213
[2309 Ashcroft Ave., Apt. 525, Arlington, TX 76006] *Odocoileus virginianus* in Oklahoma.

89-004116 Verme, Louis J. and Robert V. Doepker. SUPPRESSION OF REPRODUCTION IN UPPER MICHIGAN WHITE-TAILED DEER, *ODOCOILEUS VIRGINIANUS*, BY CLIMATIC STRESS DURING THE RUT. *Can. Field-Nat.* 102(3):550-552. 1988. WR 213
[Dep. Nat. Resour., Shingleton, MI 49884]

89-004117 Yarmoloy, Cornel; Max Bayer and Valerius Geist. BEHAVIOR RESPONSES AND REPRODUCTION OF MULE DEER, *ODOCOILEUS HEMIONUS*, DOES FOLLOWING EXPERIMENTAL HARASSMENT WITH AN ALL-TERRAIN VEHICLE. *Can. Field-Nat.* 102(3):425-429. 1988. WR 213
[1615-47 St. S.W., Calgary, AB, Canada T3C 2E2]

OTHER CERVIDS

89-004118 Ali, S. M. SAMBAR OF HAZARIBAGH. *Myforest* 21(2):105-127. 1985. From Ecol. Abstr. 88/6:88L/8355. 1988. WR 213
Cervus unicolor in India.

89-004119 Asher, G. W.; A. J. Peterson and D. Duganzich. ADRENAL AND OVARIAN SOURCES OF PROGESTERONE SECRETION IN YOUNG FEMALE FALLOW DEER, *DAMA DAMA*. *J. Reprod. Fertil.* 85(2):667-675. 1989. WR 213
[Ruakura Agric. Cent., Minist. Agric. & Fish., P.B., Hamilton, New Zealand]

OTHER CERVIDS (CONTINUED)

89-004120 Asher, G. W.; A. J. Peterson and J. J. Bass. SEASONAL PATTERN OF LH AND TESTOSTERONE SECRETION IN ADULT MALE FALLOW DEER, *DAMA DAMA*. *J. Reprod. Fertil.* 85(2):657-665. 1989. WR 213
[Ruakura Agric. Cent., Minist. Agric. & Fish., P.B., Hamilton, New Zealand]

89-004121 Asher, G. W.; J. L. Adam; R. W. James and D. Barnes. ARTIFICIAL INSEMINATION OF FARMED FALLOW DEER (*DAMA DAMA*) FIXED-TIME INSEMINATION AT A SYNCHRONIZED OESTRUS. *Anim. Prod.* 47(3):487-492. 1988. WR 213
[Ruakura Anim. Res. Stn., Minist. Agric. & Fish., Private Bag, Hamilton, New Zealand]

89-004122 Boer, Arnold H.; Gerald Redmond and Thomas J. Pettigrew. LORAN-C: A NAVIGATION AID FOR AERIAL SURVEYS. *J. Wildl. Manage.* 53(1):228-230. 1989. WR 213
[Fish & Wild. Branch, Dep. Nat. Resour., P.O. Box 6000, Fredericton, NB, Canada E3B 5H1] *Alces alces* in Canada.

89-004123 Cibien, C.; J. M. Boutin and C. Maizeret. [IMPACT OF ROE DEER (*CAPREOLUS CAPREOLUS*) ON VEGETATION IN RELATION TO POPULATION DENSITY AND TYPE OF WOODLAND.] *Z. Jagdwiss.* 34(4):232-241. 1988. In German with English and French summ. WR 213

89-004124 Desai, J. H. THE BROW-ANTLERED DEER (*CERVUS ELDI ELDI*). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 515-517. 1986. WR 213
[Natl. Zool. Park, New Delhi-110 003, India]

89-004125 Dolan, James M., Jr. and Lawrence E. Killmar. THE SHOU, *CERVUS ELAPHUS WALLICHI* CUVIER, 1825, A RARE AND LITTLE-KNOWN CERVID, WITH REMARKS ON THREE ADDITIONAL ASIATIC ELAPHINES. *Zool. Gart.* 58(2):84-96. 1988. In English. WR 213
[Rt. 1, Box 725E, Escondido, CA 92025]

89-004126 English, A. W. FALLOW DEER - THEIR BIOLOGY, BEHAVIOUR AND MANAGEMENT IN AUSTRALIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* N0. 72. p. 285-300. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia] *Dama dama*.

89-004127 English, A. W. RED DEER IN AUSTRALIA - THEIR BIOLOGY AND MANAGEMENT. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 395-406. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia] *Cervus elaphus*.

89-004128 Eriksen, L.; J. Monrad and M. Steen. *ELAPHOSTRONGYLUS CERVI* IN DANISH WILD RED DEER (*CERVUS ELAPHUS*). *Vet. Rec.* 124(5):124. 1989. WR 213
[Dep. Internal Med., R. Vet. & Agric. Univ., Bulowsvej 13, 1870 Fredriksberg C, Denmark]

89-004129 Feldhamer, G. A. and W. R. Brtalik. FEMALE SKULL CHARACTERISTICS IN TWO SUBSPECIES OF SIKA DEER. *Mammalia* 52(3):409-414. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901] *Cervus nippon nippon* and *C. n. hortulorum*.

OTHER CERVIDS (CONTINUED)

89-004130 Gosch, B. and K. Fischer. SEASONAL CHANGES OF TESTIS VOLUME AND SPERM QUALITY IN ADULT FALLOW DEER *(DAMA DAMA)* AND THEIR RELATIONSHIP TO THE ANTLER CYCLE. *J. Reprod. Fertil.* 85(1):7-17. 1989. WR 213
[Fischer: Zool. Inst. Univ. Gottingen, Study Group Comp. Endocrinol., Berliner Str. 28, D-3400 Gottingen, West Germany]

89-004131 Gurung, Devi B. BARKING DEER (*MUNTIACUS MUNTIACUS VAGINALIS*). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 500-504. 1986. WR 213
[Tiger Tops Jungle Lodge, Royal Chitwan Natl. Park, P.O. Box 242, Kathmandu, Nepal]

89-004132 Haigh, Jerry C.; Michael Cranfield and R. Garth Sasser. ESTRUS SYNCHRONIZATION AND PREGNANCY DIAGNOSIS IN RED DEER. *J. Zoo Anim. Med.* 19(4):202-207. 1988. WR 213
[Dep. Herd Med. & Theriogenol., West. Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, SN, Canada S7N 0W0] *Cervus elaphus.*

89-004133 Hall, Ross. AN EXPERIMENT IN MOOSE MANAGEMENT. *N.S. Conserv.* 12(3):9-11. 1988. WR 213
Alces alces in Canada.

89-004134 Hamilton, C. A. ASPECTS OF THE ECOLOGY OF FERAL RUSA DEER IN N.S.W. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 85-92. 1984. WR 213
[Dep. Zool., Univ. Sydney, Sydney, N.S.W. 2006, Australia] *Cervus timorensis* in Australia.

89-004135 Hofmann, Reinhold R.; A. S. Saber; Zygmunt Pielowski and Boguslaw Fruzinski. COMPARATIVE MORPHOLOGICAL INVESTIGATIONS OF FOREST AND FIELD ECOTYPES OF ROE DEER IN POLAND. *Acta Theriol.* 33(9):103-114. 1988. In English with Polish summ. WR 213
[Dep. Comp. Anat., Univ. Giessen, Frankfurter Str. 98, 6300 Giessen, West Germany] *Capreolus capreolus.*

89-004136 Khajuria, H. and N. K. Sinha. LIMITING FACTORS IN THE POPULATION DYNAMICS OF VANISHING CENTRAL INDIAN SWAMP DEER, *CERVUS DUVACELI BRANDERI* (POCOCK). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 478-492. 1986. WR 213
[Zool. Surv. India, Solan, H.P., India]

89-004137 Kumagai, Sachitami and Keiichi Onoyama. [CROP DAMAGE BY EZO SIKA DEER (*CERVUS NIPPON YESOENSIS*) AND ITS ACTUAL SITUATIONS.] *Res. Bull. Obihiro Univ. Ser. I* 16(1):75-85. 1988. In Japanese with English summ. WR 213
[Kushiro-higashi Senior High School, Kushiro-cho, Kushiro-gun 080-06,

89-004138 Laaperi, Ari and Kari Loyttyniemi. [MOOSE *(ALCES ALCES)* DAMAGE IN PINE PLANTATIONS ESTABLISHED DURING 1973-1982 IN THE UUSIMAA-HAME FORESTRY BOARD DISTRICT.] *Folia For. (Helsinki)* 719:13p. 1988. In Finnish with English summ. WR 213
[Finnish For. Res. Inst., Dep. For. Protection, OL 18, SF-01301 Vantaa, Finland]

OTHER CERVIDS (CONTINUED)

89-004139 Leader-Williams, N.; D. W. H. Walton and P. A. Prince. INTRODUCED REINDEER ON SOUTH GEORGIA - A MANAGEMENT DILEMMA. *Biol. Conserv.* 47(1):1-11. 1989. WR 213
[Walton: British Antarctic Surv., Natl. Environ. Res. Council, High Cross, Madingley Rd., Cambridge CB3 0ET, England]

89-004140 Lister, A. M. and Norma G. Chapman. VARIATION IN LATERAL METACARPALS OF FALLOW DEER, *DAMA DAMA* (MAMMALIA, CERVIDAE). *J. Zool. (Lond.)* 216(4):597-603. 1988. WR 213
[Dep. Zool., Univ. Cambridge, Cambridge CB2 3EJ, England]

89-004141 Litjens, B. E. J. and E. Pelzers. [FALLOW DEER *CERVUS DAMA* IN THE NETHERLANDS.] *Lutra* 31(2):132-144. 1988. In Dutch with English summ. WR 213
[Consulentschap Nat., Milieu & Faunabeheer, Postbus 9079, 6800 ED Arnhem, Netherlands]

89-004142 Mishra, K. D. KASHMIR STAG OR HANGUL (*CERVUS ELAPHUS HANGLU*). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 525-527. 1986. WR 213
[Dep. Zool., S. S. Jain Coll., Vidisha, M.P., India]

89-004143 Mitra, Tridib Ranjan. ECOLOGY OF WILD AND CAPTIVE CHITAL *AXIS AXIS AXIS* (ERXLEBEN). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 505-514. 1986. WR 213
[Zool. Surv. India, 8 Lindsay St., Calcutta-700 087, India]

89-004144 Miura, Shingo; Noriyuki Ohtaishi; Koichi Kaji; Wu Jiayan and Zheng Shengwu. THE THREATENED WHITE-LIPPED DEER *CERVUS ALBIROSTRIS*, GYARING LAKE, QINGHAI PROVINCE, CHINA, AND ITS CONSERVATION. *Biol. Conserv.* 47(3):237-244. 1989. WR 213
[Dep. Biol., Hyogo Coll. Med., Nishinomiya 663, Japan]

89-004145 Moore, Kevin. REHABILITATION OF MOOSE CALVES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:97-118. 1988. WR 213
[Wildl. Div., Box 190, Holyrood, NF, Canada A0A 2R0] *Alces alces* in North America.

89-004146 Mulley, R. C. THE REPRODUCTIVE PERFORMANCE OF FALLOW DEER IN NEW SOUTH WALES. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 461-478. 1984. WR 213
[Dep. Vet. Clin. Studies, Univ. Sydney, Camden, N.S.W. 2570, Australia] *Dama dama* in Australia.

89-004147 Presidente, Paul J. A. ECTOPARASITES, ENDOPARASITES AND SOME DISEASES REPORTED FROM SAMBAR DEER THROUGHOUT ITS NATIVE RANGE AND IN AUSTRALIA AND NEW ZEALAND. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 543-557. 1984. WR 213
["Attwood" Vet. Res. Lab., Dep. Agric., Mickleham Rd., Westmeadows, Vic. 3047, Australia] *Cervus unicolor*.

89-004148 Randi, Ettore and Marco Apollonio. LOW BIOCHEMICAL VARIABILITY IN EUROPEAN FALLOW DEER (*DAMA DAMA* L.): NATURAL BOTTLENECKS AND THE EFFECTS OF DOMESTICATION. *Heredity* 61(3):405-410. 1988. WR 213

OTHER CERVIDS (CONTINUED)

89-004148 CONTINUED
[Ist. Nazion. Biol. Selvaggina, Via Ca Fornacetta, 9, 40064 Ozzano Emilia (Bo), Italy]

89-004149 Rominger, Eric M. and John L. Oldemeyer. EARLY-WINTER HABITAT OF WOODLAND CARIBOU, SELKIRK MOUNTAINS, BRITISH COLUMBIA. *J. Wildl. Manage.* 53(1):238-243. 1989. WR 213
[U.S. Fish & Wildl. Serv., Natl. Ecol. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524] *Rangifer tarandus caribou* in Canada.

89-004150 Schwenn, Celeste. MANAGEMENT AND BEHAVIOR OF WESTERN TUFTED DEER *(ELAPHODUS CEPHALOPHUS CEPHALOPHUS)* AT THE SAN DIEGO ZOO. *Anim. Keepers' Forum* 15(12):475-482. 1988. WR 213
[San Diego Zoo, San Diego, CA]

89-004151 Servheen, Gregg and L. Jack Lyon. HABITAT USE BY WOODLAND CARIBOU IN THE SELKIRK MOUNTAINS. *J. Wildl. Manage.* 53(1):230-237. 1989. WR 213
[Dep. Fish & Game, Rt. 1, Box 240, Bonners Ferry, ID 83805] *Rangifer tarandus caribou* in Canada.

89-004152 Shi Liming and Ma Caixia. [A NEW KARYOTYPE OF MUNTJAC (*MUNTIACUS* SP.) FROM GONGSHAN COUNTY IN CHINA.] *Zool. Res.* 9(4):343-347. 1988. In Chinese with English summ. WR 213
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

89-004153 Sinha, N. K. HARD GROUND BARASINGHA *CERVUS DUVACELI BRANDERI. In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 493-499. 1986. WR 213
[Zool. Surv. India, Dehradun, U.P., India]

89-004154 Slee, K. THE SAMBAR DEER IN VICTORIA. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 559-572. 1984. WR 213
[Dep. Agric. Regional Vet. Lab., P.O. Box 483, Bairnsdale, Vic., Australia] *Cervus unicolor* in Australia.

89-004155 Suttie, J. M.; P. F. Fennessy; I. D. Corson; F. J. Laas; H. J. Elgar and K. R. Lapwood. LH AND TESTOSTERONE RESPONSES TO GnRH IN RED DEER *(CERVUS ELAPHUS)* STAGS KEPT IN A MANIPULATED PHOTOPERIOD. *J. Reprod. Fertil.* 85(1):213-219. 1989. WR 213
[Invermay Agric. Cent., Private Bag, Mosgiel, New Zealand]

89-004156 Wilson, George R. RED DEER IN SCOTLAND. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 49-53. 1984. WR 213
Cervus elaphus.

89-004157 Wilson, Peter R. MANAGEMENT OF THE ORPHAN DEER CALF. *Post-Grad. Comm. Vet. Sci. Proc. (Univ. Sydney)* No. 72. p. 45-47. 1984. WR 213
[Vet. Fac., Massey Univ., Palmerston North, New Zealand] *Cervus elaphus.*

OTHER CERVIDS (CONTINUED)

89-004158 Zejda, Jan and Petr Koubek. ON THE GEOGRAPHICAL VARIABILITY OF ROEBUCKS (*CAPREOLUS CAPREOLUS*). *Folia Zool.* 37(3):219-229. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-004159 Zima, Jan. INCIDENCE OF DENTAL ANOMALIES IN *CAPREOLUS CAPREOLUS* FROM CZECHOSLOVAKIA. *Folia Zool.* 37(2):129-144. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

OTHER UNGULATES

89-004160 Alderman, Jay A.; Paul R. Krausman and Bruce D. Leopold. DIEL ACTIVITY OF FEMALE DESERT BIGHORN SHEEP IN WESTERN ARIZONA. *J. Wildl. Manage.* 53(1):264-271. 1989. WR 213
[Int. Wildl. Mus., 4800 W. Gates Pass Rd., Tucson, AZ 85745] *Ovis canadensis mexicana*.

89-004161 Ali, S. Mohammad. THE INDIAN WILD ASS, *ASINUS HEMIONUS KHUR*. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 459-466. 1986. WR 213
[Zool. Surv. India, 8 Lindsay St., Calcutta-700 016, India]

89-004162 Andrews, Steven G.; Glen Dickens and Richard Miller. URBANIZATION AND PRONGHORN ANTELOPE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 172-174. 1986. WR 213
[Game & Fish Dep., Flagstaff, AZ 86001] *Antilocapra americana* in Arizona.

89-004163 Armentrout, Donald J.; Rodger Bryan and Richard Wheeler. HABITAT SUITABILITY RATING FOR WILD HORSES AND BURROS IN NEVADA. *Trans. West. Sect. Wildl. Soc.* 24:148-151. 1988. WR 213
[U.S. Bur. Land Manage., Winnemucca Dist., 705 E. Fourth St., Winnemucca, NV 89445] *Equus caballus* and *E. asinus*.

89-004164 Barrett, Reginald H.; Buddy L. Goatcher; Peter J. Gogan and E. Lee Fitzhugh. REMOVING FERAL PIGS FROM ANNADEL STATE PARK. *Trans. West. Sect. Wildl. Soc.* 24:47-52. 1988. WR 213
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

89-004165 Ben-Adert, Y. SEXUAL DIFFERENCES IN ONTOGENY OF BEHAVIOR IN A CAPTIVE HERD OF ARABIAN ORYX (*ORYX LEUCORYX*). *Isr. J. Zool.* 35(1-2):98-99. 1988/89. Abstract only. WR 213
[23 Geula St., 44254 Kefar Saba, Israel]

89-004166 Brown, Christopher J. and Andrew R. Jenkins. HYBRIDIZATION BETWEEN A HARTMANN'S MOUNTAIN ZEBRA AND A DONKEY. *Madoqua* 15(2):193-194. 1987. WR 213
[Dep. Agric. & Nat. Conserv., P/Bag 13306, Windhoek 9000, Namibia] *Equus burchelli* and *E. asinus* in Namibia.

89-004167 Bruno, Elisabetta and Sandro Lovari. [FORAGING EFFICIENCY IN RELATION TO AGE IN ADULT FEMALES OF THE APENNINE CHAMOIS *RUPICAPRA PYRENAICA ORNATA* (NEUMANN 1899).] *Ric. Biol. Selvaggina* No. 81. 19p. 1988. In Italian with English summ. WR 213

OTHER UNGULATES (CONTINUED)

89-004168 Byrd, Mary L.; Kurt Benirschke and Gina C. Gould. ESTABLISHMENT OF THE FIRST CAPTIVE GROUP OF THE CHACO PECCARY, *CATAGONUS WAGNERI*. *Zool. Gart.* 58(5/6):265-274. 1988. In English with German summ. WR 213
[San Diego Zoo & Found. Endangered Anim., San Diego, CA 92037]

89-004169 Conway, A. J. and P. S. Goodman. POPULATION CHARACTERISTICS AND MANAGEMENT OF BLACK RHINOCEROS *DICEROS BICORNIS MINOR* AND WHITE RHINOCEROS *CERATOTHERIUM SIMUM SIMUM* IN NDUMU GAME RESERVE, SOUTH AFRICA. *Biol. Conserv.* 47(2):109-122. 1989. WR 213
[Goodman: Mkuzi Game Reserve, P/Bag X550, Mkuze 3965, South Africa]

89-004170 Dickens, Glen C. and Steven G. Andrews. THE PRONGHORN PLAN FOR PROMOTING CONSCIENTIOUS GROWTH. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 46-47. 1986. WR 213
[Game & Fish Dep., Flagstaff, AZ 86001] *Antilocapra americana* in Arizona.

89-004171 Dobroruka, Ludek J. and Lubos Kral. [IMPALAS (*AEPYCEROS MELAMPUS*) AT THE DVUR KRALOVE ZOOLOGICAL GARDEN.] *Zool. Gart.* 58(5/6):326-330. 1988. In German. WR 213
[Zool. Garten, CS-544 01 Dvur Kralove, Czechoslovakia]

89-004172 Festa-Bianchet, Marco. SURVIVAL OF MALE BIGHORN SHEEP IN SOUTHWESTERN ALBERTA. *J. Wildl. Manage.* 53(1):259-263. 1989. WR 213
[Large Anim., Res. Group, Dep. Zool., 34A Storey's Way, Cambridge CB3 0DT, England] *Ovis canadensis* in Canada.

89-004173 Gewalt, Wolfgang. [ABOUT SOME RARE BREEDS IN THE DUISBURG ZOO. 5. THE BUSH PIG *POTAMOCHOERUS PORCUS* (L., 1758).] *Zool. Gart.* 58(2):97-114. 1988. In German. WR 213
[Zool. Garten, Mulheimer Str. 273, D-4100 Duisburg 1, West Germany]

89-004174 Green, Michael J. B. HIMALAYAN MUSK DEER AND ITS OVER-EXPLOITATION AS A VALUABLE RESOURCE. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 518-524. 1986. WR 213
[Dep. Appl. Biol., Pembroke St., Cambridge CB2 3DX, England] *Moschus chrysogaster* in India.

89-004175 Grubb, Peter. THE STATUS OF WALKER'S DUIKER, A RARE ANTELOPE FROM MALAWI. *Nyala* 12(1/2):67-72. 1988. WR 213
[35 Downhills Park Rd., London N 17, England] *Cephalophus walkeri*.

89-004176 Gulland, F. M. D.; H. W. Reid; D. Buxton; J. C. M. Lewis; R. A. Kock and J. K. Kirkwood. MALIGNANT CATARRHAL FEVER IN A ROAN ANTELOPE (*HIPPOTRAGUS EQUINUS*) AT REGENT'S PARK. *Vet. Rec.* 124(2):42-43. 1989. WR 213
[Dep. Vet. Sci., Inst. Zool., Zool. Soc., Regent's Park, London NW1 4RY, England]

89-004177 Hellgren, E. C.; R. L. Lochmiller; M. S. Amoss, Jr.; S. W. J. Seager; S. J. Magyar; K. P. Coscarelli and W. E. Grant. SEASONAL VARIATION IN SERUM TESTOSTERONE, TESTICULAR MEASUREMENTS AND SEMEN CHARACTERISTICS IN THE COLLARED PECCARY (*TAYASSU TAJACU*). *J. Reprod. Fertil.* 85(2):677-686. 1989. WR 213
[Caesar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363]

OTHER UNGULATES (CONTINUED)

89-004178 Heroldova, Marta. METHOD OF MOUFLON (*OVIS MUSIMON*) DIET RESEARCH. *Folia Zool*. 37(2):113-120. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-004179 Holland, Jeff. HOPE FOR THE FUTURE--THE SUMATRAN RHINO. *Anim. Keepers' Forum* 16(3):83-85. 1989. WR 213
[Los Angeles Zoo, Los Angeles, CA] *Dicerorhinus sumatrensis*.

89-004180 Horak, I. G.; J. Boomker; V. de Vos and F. T. Potgieter. PARASITES OF DOMESTIC AND WILD ANIMALS IN SOUTH AFRICA. XXIII. HELMINTH AND ARTHROPOD PARASITES OF WARTHOGS, *PHACOCHOERUS AETHIOPICUS*, IN THE EASTERN TRANSVAAL LOWVELD. *Onderstepoort J. Vet. Res*. 55(3):145-152. 1988. WR 213
[Dep. Parasitol., Fac. Vet. Sci., Univ. Pretoria, Private Bag X04, Onderstepoort 0110, South Africa]

89-004181 Irby, Lynn R.; Jon E. Swenson and Shawn T. Stewart. TWO VIEWS OF THE IMPACTS OF POACHING ON BIGHORN SHEEP IN THE UPPER YELLOWSTONE VALLEY, MONTANA, USA. *Biol. Conserv*. 47(4):259-272. 1989. WR 213
[Biol. Dep., Mont. State Univ., Bozeman 59717] *Ovis canadensis canadensis*.

89-004182 Jessup, David A.; Richard K. Clark; Richard A. Weaver and Michael D. Kock. THE SAFETY AND COST-EFFECTIVENESS OF NET-GUN CAPTURE OF DESERT BIGHORN SHEEP (*OVIS CANADENSIS NELSONI*). *J. Zoo Anim. Med*. 19(4):208-213. 1988. WR 213
[Dep. Fish & Game, Wildl. Manage. Div., Wildl. Invest. Lab., 1701 Nimbus Rd., Suite D, Rancho Cordova, CA 95670]

89-004183 Junge, Randall E.; R. Eric Miller; Alexander de Lahunta; Douglas S. Pernikoff and William J. Boever. IDIOPATHIC EPILEPSY IN THREE GAUR (*BOS GAURUS*). *J. Am. Vet. Med. Assoc*. 194(4):559-560. 1989. WR 213
[St. Louis Zool. Park, For. Park, St. Louis, MO 63110]

89-004184 Krausman, Paul R.; Boguslaw F. Bobek; Frank M. Whiting and W. H. Brown. DRY MATTER AND ENERGY INTAKE IN RELATION TO DIGESTIBILITY IN DESERT BIGHORN SHEEP. *Acta Theriol*. 33(11):121-130. 1988. WR 213
[Univ. Ariz., Coll. Agric., School Renewable Nat. Resour., Div. Wildl., Fish. & Recreation Resour., Tucson 85721] *Ovis canadensis mexicana*.

89-004185 Kruger, F. J.; V. L. Hamilton-Attwell; P. H. Joubert and P. S. Visser. THE TEGUMENT OF *SCHISTOSOMA HIPPOPOTAMI* FROM *HIPPOPOTAMUS AMPHIBIUS* IN THE KRUGER NATIONAL PARK. *Onderstepoort J. Vet. Res*. 55(3):153-155. 1988. WR 213
[Res. Inst. Dis. Trop. Environ., Med. Res. Council, P.O. Box 634, Nelspruit 1200, South Africa]

89-004186 Lincoln, G. A. SEASONAL CYCLES IN TESTICULAR ACTIVITY IN MOUFLON, SOAY SHEEP AND DOMESTICATED BREEDS OF SHEEP: BREEDING SEASONS MODIFIED BY DOMESTICATION. *Zool. J. Linn. Soc*. 95(2):137-147. 1989. WR 213
[MRC Reprod. Biol. Unit, 37 Chalmers St., Edinburgh EH3 9EW, Scotland] *Ovis orientalis*.

89-004187 Lochmiller, R. L.; E. C. Hellgren; J. F. Gallagher; L. W. Varner and W. E. Grant. VOLATILE FATTY ACIDS IN THE GASTROINTESTINAL TRACT OF THE COLLARED PECCARY (*TAYASSU TAJACU*). *J. Mammal*.

OTHER UNGULATES (CONTINUED)

89-004187 CONTINUED 70(1):189-191. 1989. WR 213
[Dep. Zool., Okla. State Univ., Stillwater 74078]

89-004188 Lochmiller, Robert L.; Eric C. Hellgren; Larry W. Varner; K. McBee and W. E. Grant. BODY CONDITION INDICES FOR MALNOURISHED COLLARED PECCARIES. *J. Wildl. Manage.* 53(1):205-209. 1989. WR 213
[Dep. Zool., Okla. State Univ., Stillwater 74078] *Tayassu tajacu* in Texas.

89-004189 Maluf, N. S. R. KIDNEY OF THE GREAT INDIAN RHINO *RHINOCEROS UNICORNIS*, LINNAEUS. *Am. J. Anat.* 180(4):403-421. 1987. WR 213
[12500 Edgewater Dr., Cleveland, OH 44107]

89-004190 Mowlavi, Masood. ECOLOGY OF WILD SHEEP (*OVIS ORIENTALIS GMELINI*) ON KABUDAN ISLAND, IRAN. *Ph.D. dissertation, Mich. State Univ.* 98p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3531. 1989. Order No. DA8824875. WR 213

89-004191 Norton, P. M. HIPPOPOTAMUS NUMBERS IN THE LUANGWA VALLEY, ZAMBIA, IN 1981. *Afr. J. Ecol.* 26(4):337-339. 1988. In English. WR 213
[P.O. Box 456, Kimberly 8300, South Africa] *Hippopotamus amphibius*.

89-004192 Notzold, Gerd and Dieter Kuhn. [PROPAGATION AND CARE OF *DAMALISCUS DORCAS DORCAS* AT THE LEIPZIG ZOOLOGICAL GARDEN.] *Zool. Gart.* 58(3/4):153-174. 1988. In German. WR 213
[Zool. Garten Leipzig, Dr.-Kurt-Fischer-Str. 29, Leipzig DDR-7010, East Germany]

89-004193 O'Brien, Peter H. FERAL GOAT SOCIAL ORGANIZATION: A REVIEW AND COMPARATIVE ANALYSIS. *Appl. Anim. Behav. Sci.* 21(3):209-221. 1988. WR 213
[Bur. Rural Resour., Dep. Primary Ind. & Energy, Barton, A.C.T. 2611, Australia]

89-004194 Ocampo, Marlon B.; Rogerio S. Uenishi; Conrado A. Valdez; Zozimo Muralla; Mitsugu Hishinuma and Hiroshi Kanagawa. SUPEROVULATION RESPONSE OF UPGRADED INDIGENOUS PHILIPPINE GOAT (*CAPRA HIRCUS*). *Jpn. J. Vet. Res.* 36(3/4):249-255. 1988. WR 213
[Dep. Theriogenol., Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan]

89-004195 Onyeanusi, A. E. and S. B. B. Telltuly. DAMAGE TO FARM CROPS BY COMMON HIPPOPOTAMUS IN IBI GAME RESERVE. *Nigerian Field* 53(4):149-152. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria]

89-004196 Pelzers, E. [THE WILD BOAR *SUS SCROFA* IN THE NETHERLANDS BEFORE 1940.] *Lutra* 31(2):145-152. 1988. In Dutch with English summ. WR 213
[Lankforst 46-68, 6538 KA Nijmegen, Netherlands]

89-004197 Pospisil, J.; F. Kase and J. Vahala. COMPARISON OF BASIC HAEMATOLOGICAL VALUES IN GREVY'S ZEBRAS (*EQUUS GREVYI*) DURING THE SUMMER AND WINTER SEASONS. *Comp. Biochem. Physiol. A Comp. Physiol.* 92(1):31-32.

OTHER UNGULATES (CONTINUED)

89-004197 CONTINUED 1989. WR 213
[E.-Bohemian Zool. Garden, 54401 Dvur Kralove, Czechoslovakia]

89-004198 Rideout, B. A.; R. J. Montali; R. S. Wallace; M. Bush; L. G. Phillips, Jr.; T. T. Antonovych and S. G. Sabnis. RENAL MEDULLARY AMYLOIDOSIS IN DORCAS GAZELLES. *Vet. Pathol*. 26(2):129-135. 1989. WR 213
[Montali: Dep. Pathol., Natl. Zool. Park, Washington, DC 20008]

89-004199 Rothstein, Aron. SOCIAL ORGANIZATION IN JUVENILE BISON BULLS (*BISON BISON*): NON-LINEAR DOMINANCE AND DYADIC ASSOCIATIONS. *Ph.D. dissertation, City Univ. N.Y.* 107p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2973. 1989. Order No. DA8820895. WR 213

89-004200 Saunders, Glen and Hedy Bryant. THE EVALUATION OF A FERAL PIG ERADICATION PROGRAM DURING A SIMULATED EXOTIC DISEASE OUTBREAK. *Aust. Wildl. Res*. 15(1):73-81. 1988. WR 213
[Dep. Agric., Agric. Res. & Vet. Cent., Forest Rd., Orange, N.S.W. 2800, Australia] *Sus scrofa* in Australia.

89-004201 Schaffer, Nan and Bruce Beehler. OVERVIEW OF PROCEDURES AND RESULTS OF SEMEN COLLECTION FROM AMBULATORY RHINOCEROSES. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc*. p. 273-279. 1988. WR 213
[Milwaukee County Zoo, Milwaukee, WI 53226] *Rhinoceros unicornis, Diceros bicornis, Ceratotherium simum*.

89-004202 Shalmon, B. THE ECOLOGY OF *GAZELLA GAZELLA* SPP. IN THE SOUTHERN 'ARAVA VALLEY. *Isr. J. Zool*. 35(1-2):97. 1988/89. Abstract only. WR 213
[Mammal Inf. Cent. (SPNI), Field Study Cent., P.O.B. 204, 88000 Elat, Israel]

89-004203 Sinha, N. K. STUDY ON BLACKBUCK, *ANTILOPE CERVICAPRA* (LINNAEUS) AROUND JODHPUR (RAJASTHAN). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 467-477. 1986. WR 213
[North. Regional Stn., Zool. Surv. India, Dehradun, U.P., India]

89-004204 Stevens, Elizabeth Franke. ECOLOGICAL AND DEMOGRAPHIC INFLUENCES ON SOCIAL BEHAVIOR, HAREM STABILITY, AND MALE REPRODUCTIVE SUCCESS IN FERAL HORSES (*EQUUS CABALLUS*). *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 108p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(8):3053. 1989. Order No. DA8821516. WR 213

89-004205 Turner, Monica Goigel. SIMULATION AND MANAGEMENT IMPLICATIONS OF FERAL HORSE GRAZING ON CUMBERLAND ISLAND, GEORGIA. *J. Range Manage*. 41(5):441-447. 1988. WR 213
[Environ. Sci. Div., Oak Ridge Natl. Lab., Oak Ridge, TN 37831-6038] *Equus caballus*.

89-004206 Wassef, Hilda Y. and Harry Hoogstraal. *DERMACENTOR (INDOCENTOR) STEINI* (ACARI: IXODOIDEA: IXODIDAE): HOSTS, DISTRIBUTION IN THE MALAY PENINSULA, INDONESIA, BORNEO, THAILAND, THE PHILIPPINES, AND NEW

OTHER UNGULATES (CONTINUED)

89-004206 CONTINUED GUINEA. *J. Med. Entomol.* 25(5):315-320. 1988. WR 213
[Med. Zool. Dep., U.S. NAMRU-3, Am. Embassy, Cairo, Egypt]

89-004207 Williamson, D. T. and B. Mbano. WILDEBEEST MORTALITY DURING 1983 AT LAKE XAU, BOTSWANA. *Afr. J. Ecol.* 26(4):341-344. 1988. In English. WR 213
[Res. Group Mammal. Ecol. & Reprod., Physiol. Lab., Downing St., Cambridge CB2 3EG, England] *Connochaetes taurinus*.

89-004208 Williamson, D.; J. Williamson and K. T. Ngwamotsoko. WILDEBEEST MIGRATION IN THE KALAHARI. *Afr. J. Ecol.* 26(4):269-280. 1988. In English with French summ. WR 213
[Res. Group Mammal. Ecol. & Reprod., Physiol. Lab., Downing St., Cambridge CB2 3EG, England] *Connochaetes taurinus* in Botswana.

89-004209 Wolk, Elzbieta and Elzbieta Jozefczak. SERUM BIOCHEMISTRY OF FREE-RANGING EUROPEAN BISON. *Acta Theriol.* 33(4):47-56. 1988. In English with Polish summ. WR 213
[Teacher Training Inst., Sienkiewicza 38, 87-100 Torun, Poland] *Bison bonasus* in Poland.

PRIMATES

89-004210 Alfred, J. R. B. and J. P. Sati. THE GIBBONS WITH SPECIAL REFERENCE TO *HYLOBATES HOOLOCK*. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 384-390. 1986. WR 213
[East. Regional Stn., Zool. Surv. India, Shillong-793 003, Meghalaya, India]

89-004211 Altmann, J. and S. Alberts. BODY MASS AND GROWTH RATES IN A WILD PRIMATE POPULATION. *Oecologia (Berl.)* 72(1):15-20. 1987. WR 213
[Dep. Biol., Univ. Chicago, Chicago, IL 60637] *Papio cynocephalus* in Kenya.

89-004212 Bavister, Barry D. and Dorothy E. Boatman. IN VITRO FERTILIZATION AND EMBRYO TRANSFER TECHNOLOGY AS AN AID TO THE CONSERVATION OF ENDANGERED PRIMATES. *Zoo Biol. Suppl.* 1:21-32. 1989. WR 213
[Regional Primate Res. Cent., Univ. Wis., 1220 Capitol Ct., Madison 53715]

89-004213 Beaver, Paul; Scott Schaffer and Terry Cronce. REHABILITATION OF NEW WORLD PRIMATES IN THE PERUVIAN RAIN FOREST. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:97-102. 1987. WR 213
[Amazon Conserv. Found., Inc., 18328 Gulf Blvd., Indian Shores, FL 33535]

89-004214 Bennett, Elizabeth L. and Anthony C. Sebastian. SOCIAL ORGANIZATION AND ECOLOGY OF PROBOSCIS MONKEYS (*NASALIS LARVATUS*) IN MIXED COASTAL FOREST IN SARAWAK. *Int. J. Primatol.* 9(3):233-255. 1988. WR 213
[WWF-Malaysia, 7, Jalan Ridgeway, 93200 Kuching, Sarawak, Malaysia]

PRIMATES (CONTINUED)

89-004215 Bercovitch, Fred B. and Toni E. Ziegler. REPRODUCTIVE STRATEGIES AND PRIMATE CONSERVATION. *Zoo Biol. Suppl.* 1:163-170. 1989. WR 213
[Regional Primate Res. Cent., 1223 Capitol Ct., Madison, WI 53715-1299]

89-004216 Bermejo, M.; G. Illera and J. Sabater-Pi. NEW OBSERVATIONS ON THE TOOL-BEHAVIOR OF CHIMPANZEES FROM MT. ASSIRIK (SENEGAL, WEST AFRICA). *Primates* 30(1):65-73. 1989. WR 213
[Dep. Psiquiatria & Psicobiol., Fac. Psicobiol., Univ. Barcelona, 08028 Barcelona, Spain]

89-004217 Biben, Maxeen. EFFECTS OF SOCIAL ENVIRONMENT ON PLAY IN SQUIRREL MONKEYS: RESOLVING HARLEQUIN'S DILEMMA. *Ethology* 81(1):72-82. 1989. WR 213
[Bldg. T-18 (NIHAC), NIH, Bethesda, MD 20892] *Saimiri sciureus*.

89-004218 Biben, Maxeen; David Symmes and Deborah Bernhards. VIGILANCE DURING PLAY IN SQUIRREL MONKEYS. *Am. J. Primatol.* 17(1):41-49. 1989. WR 213
[Bldg. T-18 (NIHAC), NIH, Bethesda, MD 20892] *Saimiri sciureus bolivensis*.

89-004219 Bolser, Linda and Sue Savage-Rumbaugh. PERIPARTURITIONAL BEHAVIOR OF A BONOBO *(PAN PANISCUS)*. *Am. J. Primatol.* 17(1):93-103. 1989. WR 213
[Savage-Rumbaugh: Language Res. Cent., Dep. Biol., Ga. State Univ., Atlanta 30303]

89-004220 Brack, M.; T. J. Gatesman and E. Fuchs. OTACARIASIS IN TREE SHREWS (*TUPAIA BELANGERI*) CAUSED BY *CRIOKERON QUINTUS*. *Lab. Anim. Sci.* 39(1):79-80. 1989. WR 213
[German Primate Cent., Div. Pathol. & Vet. Care, Kellnerweg 4, D-3400 Gottingen, West Garmany]

89-004221 Carroll, Richard W. RELATIVE DENSITY, RANGE EXTENSION, AND CONSERVATION POTENTIAL OF THE LOWLAND GORILLA (*GORILLA GORILLA GORILLA*) IN THE DZANGA-SANGHA REGION OF SOUTHWESTERN CENTRAL AFRICAN REPUBLIC. *Mammalia* 52(3):309-323. 1988. In English with French summ. WR 213
[Yale Univ. School. For. & Environ. Studies, 205 Prospect St., New Haven, CT 06511]

89-004222 Charnock, J. S.; M. W. Abeywardena and P. L. McLennan. TISSUE SPECIFIC DIFFERENCES IN THE FATTY ACID COMPOSITION OF THE MARMOSET MONKEY (*CALLITHRIX JACCHUS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 92(3):299-304. 1989. WR 213
[CSIRO Div. Human Nutr., Glenthorne Lab., O'Halloran Hill, S.A. 5158, Australia]

89-004223 Citino, Scott B.; Bruce L. Homer; Jack M. Gaskin and Dennis J. Wickham. FATAL ENCEPHALOMYOCARDITIS VIRUS INFECTION IN A SUMATRAN ORANGUTAN *(PONGO PYGMAEUS ABELII)*. *J. Zoo Anim. Med.* 19(4):214-218. 1988. WR 213
[Dep. Vet. Sci., Miami Metrozoo, 12400 S.W. 152nd St., Miami, FL 33177]

PRIMATES (CONTINUED)

89-004224 Coe, Jon C. NATURALIZING HABITATS FOR CAPTIVE PRIMATES. *Zoo Biol. Suppl.* 1:117-125. 1989. WR 213
[Coe Lee Robinson Roesch, 924 Cherry St., Philadelphia, PA 19107]

89-004225 Collins, William E.; Jimmie C. Skinner; J. Roger Broderson; Marguerite Pappaioanou; Valerie Filipski; Bettye B. Sutton; Peggy S. Stanfill; Alan Y. Huong; Jacquelin Roberts and Carla Wilson. THE UGANDA I/CDC STRAIN OF *PLASMODIUM MALARIAE* IN *AOTUS LEMURINUS GRISEIMEMBRA* MONKEYS. *J. Parasitol.* 75(1):61-65. 1989. WR 213
[Div. Parasit. Dis., Cent. Dis. Control, U.S. Dep. Health, Atlanta, GA 30333]

89-004226 Demaria, C. and J. J. Roeder. RESPONSES TO URINARY STIMULI IN PIGTAILED (*MACACA NEMESTRINA*) AND STUMPTAILED (*MACACA ARCTOIDES*) MACAQUES. *Primates* 30(1):111-115. 1989. WR 213
[Lab. Psychophysiol., Univ. Louis Pasteur, 7 rue Universite, 67000 Strasbourg, France]

89-004227 Dewsbury, Donald A. and John D. Pierce, Jr. COPULATORY PATTERNS OF PRIMATES AS VIEWED IN BROAD MAMMALIAN PERSPECTIVE. *Am. J. Primatol.* 17(1):51-72. 1989. WR 213
[Dep. Psychol., Univ. Fla., Gainesville 32611]

89-004228 Dittus, Wolfgang P. J. GROUP FISSION AMONG WILD TOQUE MACAQUES AS A CONSEQUENCE OF FEMALE RESOURCE COMPETITION AND ENVIRONMENTAL STRESS. *Anim. Behav.* 36(6):1626-1645. 1988. WR 213
[4/4 Galkanda Rd., Anniwatte, Kandy, Sri Lanka]

89-004229 Dunbar, Donald C. AERIAL MANEUVERS OF LEAPING LEMURS: THE PHYSICS OF WHOLE-BODY ROTATIONS WHILE AIRBORNE. *Am. J. Primatol.* 16(4):291-303. 1988. WR 213
[Dep. Anat., School Med., Univ. Puerto Rico, Med. Sci. Campus, G.P.O. Box 5067, San Juan 00936]

89-004230 Dutrillaux, B. CHROMOSOME EVOLUTION IN PRIMATES. *Folia Primatol.* 50(1-2):134-135. 1988. WR 213
[UA 620 CNRS-Inst. Curie, Paris, France]

89-004231 Dutrillaux, B. and Y. Rumpler. ABSENCE OF CHROMOSOMAL SIMILARITIES BETWEEN TARSIERS (*TARSIUS SYRICHTA*) AND OTHER PRIMATES. *Folia Primatol.* 50(1-2):130-133. 1988. WR 213
[UA 620 CNRS-Inst. Curie, Paris, France]

89-004232 Ezealor, A. U. THE BABOON PROBLEM AT YANKARI GAME RESERVE. *Nigerian Field* 52(1-2):57-58. 1987. WR 213
[Dep. Biol. Sci., Ahmadu Bello Univ., Zaria, Nigeria] *Papio anubis* in Nigeria.

89-004233 Fleagle, John G. PRIMATE ADAPTATION & EVOLUTION. *Academic Press, Inc.* 486p. 1988. WR 213
[SUNY, Stony Brook, NY]

89-004234 Gage, Timothy B. and Bennett Dyke. MODEL LIFE TABLES FOR THE LARGER OLD WORLD MONKEYS. *Am. J. Primatol.* 16(4):305-320. 1988. WR 213
[Dep. Anthropol., SUNY, Albany, NY 12222]

PRIMATES (CONTINUED)

89-004235 Happel, Ruth. SEED PREDATION BY *ATELES GEOFFROYI* (PRIMATES, CEBIDAE) IN COSTA RICA. *Brenesia* No. 25-26. p. 261-264. 1986. WR 213
[Dep. Anthropol., Peabody Mus., Harvard Univ., Boston, MA]

89-004236 Harr, Rusty. THE IMPORTANCE OF CHARTING ESTROUS CYCLES IN CAPTIVE CHIMPANZEES. *Anim. Keepers' Forum* 16(3):95-99. 1989. WR 213
[Primate Found., Tempe, AZ] *Pan troglodytes.*

89-004237 Harroff, Hugh, Jr. PRIMATE MEDICINE. *Proc. SAVMA '85 Symp.* p. 211-214. 1985. WR 213
[Battielle Mem. Inst., 505 King Ave., Columbus, OH]

89-004238 Horwich, Robert H. THE COMMUNITY BABOON SANCTURY: AN EXPERIMENT IN GRASS ROOTS CONSERVATION. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 529-531. 1988. WR 213
Alouatta pigra in Belize.

89-004239 Huffman, Michael A. and Mohamedi Seifu. OBSERVATIONS ON THE ILLNESS AND CONSUMPTION OF A POSSIBLY MEDICINAL PLANT *VERNONIA AMYGDALINA* (DEL.), BY A WILD CHIMPANZEE IN THE MAHALE MOUNTAINS NATIONAL PARK, TANZANIA. *Primates* 30(1):51-63. 1989. WR 213
[Lab. Human Evol. Studies, Fac. Sci., Kyoto Univ., Sakyo-ku, Kyoto 606, Japan] *Pan troglodytes schweinfurthii.*

89-004240 Ihobe, Hiroshi. HOW SOCIAL RELATIONSHIPS INFLUENCE A MONKEY'S CHOICE OF FEEDING SITES IN THE TROOP OF JAPANESE MACAQUES *(MACACA FUSCATA FUSCATA)* ON KOSHIMA ISLET. *Primates* 30(1):17-25. 1989. WR 213
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan]

89-004241 Itoh, Kazuhiro; Yuzaburo Oku; Munehiro Okamoto; Masashi Ohbayashi; Yukitoshi Kitamura and Toshiyuki Shibahara. HELMINTH PARASITES OF THE JAPANESE MONKEY, *MACACA FUSCATA FUSCATA* IN EHIME PREFECTURE, JAPAN. *Jpn. J. Vet. Res.* 36(3/4):235-247. 1988. WR 213
[Dep. Parasitol., Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan]

89-004242 Iwano, Taizo and Chiaki Iwakawa. FEEDING BEHAVIOUR OF THE AYE-AYE (*DAUBENTONIA MADAGASCARIENSIS*) ON NUTS OF RAMY (*CANARIUM MADAGASCARIENSIS*). *Folia Primatol.* 50(1-2):136-142. 1988. WR 213
[Dep. Anthropol., Fac. Sci., Univ. Tokyo, Hongo 7-3-1, Bunkyo-ku Tokyo 113, Japan]

89-004243 Izard, M. Kay; K. A. Weisenseel and R. L. Ange. REPRODUCTION IN THE SLOW LORIS *(NYCTICEBUS COUCANG)*. *Am. J. Primatol.* 16(4):331-339. 1988. WR 213
[Duke Univ. Primate Cent., 3705 Erwin Rd., Durham, NC 27705]

89-004244 Kalter, S. S. INFECTIOUS DISEASES OF NONHUMAN PRIMATES IN A ZOO SETTING. *Zoo Biol. Suppl.* 1:61-76. 1989. WR 213
[Southwest Found. Biomed. Res., Box 28147, San Antonio, TX 78284]

89-004245 Khajuria, H. THE PRESENT POSITION OF STUDIES ON THE GOLDEN LANGUR (*PRESBYTIS GEEI* KHAJURIA). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 379-383. 1986. WR 213
[Zool. Surv. India, High Altitude Zool. Field Stn., Rajgarh Rd., Solan, H.P. 173 212, India]

PRIMATES (CONTINUED)

89-004246 Lake, Brian G.; David G. Walters and Sharat D. Gangolli. COMPARISON OF THE METABOLISM AND DISPOSITION OF [3-^{14}C] COUMARIN IN THE RAT AND MARMOSET (*CALLITHRIX JACCHUS*). *Toxicol. Lett. (Amst.)* 45(2/3):299-306. 1989. WR 213
[British Ind. Biol. Res. Assoc. (BIBRA), Woodmansterne Rd., Carshalton, Surrey SM5 4DS, England]

89-004247 Lindburg, D. G.; A. M. Lyles and N. M. Czekala. STATUS AND REPRODUCTIVE POTENTIAL OF LION-TAILED MACAQUES IN CAPTIVITY. *Zoo Biol. Suppl.* 1:5-16. 1989. WR 213
[Res. Dep., San Diego Zoo, P.O. Box 551, San Diego, CA 92112] *Macaca silenus.*

89-004248 Lowenstine, Linda J. and Nicholas W. Lerche. RETROVIRUS INFECTIONS OF NONHUMAN PRIMATES: A REVIEW. *J. Zoo Anim. Med.* 19(4):168-187. 1988. WR 213
[Dep. Pathol., School Vet. Med., Univ. Calif., Davis 95616]

89-004249 Mace, Georgina M. THE GENETIC AND DEMOGRAPHIC STATUS OF THE WESTERN LOWLAND GORILLA (*GORILLA G. GORILLA*) IN CAPTIVITY. *J. Zool. (Lond.)* 216(4):629-654. 1988. WR 213
[Natl. Fed. Zool. Gardens, Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-004250 Mallinson, Jeremy J. C. AN ANALYSIS OF REPRODUCTION IN A CAPTIVE POPULATION OF RELATED VERVET MONKEYS, *CERCOPITHECUS PYGERYTHRUS*. *Zool. Gart.* 58(3/4):148-152. 1988. In English. WR 213
[Zool. Dir., Jersey Wildl. Preserv. Trust, Les Augres Manor, Trinity, Jersey, Channel Islands, British Isles]

89-004251 Mann, D. R.; S. R. Adams; K. G. Gould; T. E. Orr and D. C. Collins. EVALUATION OF THE POSSIBLE DIRECT EFFECTS OF GONADOTROPHIN-RELEASING HORMONE ANALOGUES ON THE MONKEY (*MACACA MULATTA*) TESTIS. *J. Reprod. Fertil.* 85(1):89-95. 1989. WR 213
[Dep. Physiol., Morehouse School Med., Atlanta, GA 30310]

89-004252 Maple, Terry L. and Ted W. Finlay. APPLIED PRIMATOLOGY IN THE MODERN ZOO. *Zoo Biol. Suppl.* 1:101-116. 1989. WR 213
[School Psychol., Ga. Inst. Technol., Atlanta 30332]

89-004253 Masataka, Nobuo and Masanori Kohda. PRIMATE PLAY VOCALIZATIONS AND THEIR FUNCTIONAL SIGNIFICANCE. *Folia Primatol.* 50(1-2):152-156. 1988. WR 213
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan]

89-004254 May, Brad; David B. Moody and William C. Stebbins. CATEGORICAL PERCEPTION OF CONSPECIFIC COMMUNICATION SOUNDS BY JAPANESE MACAQUES, *MACACA FUSCATA*. *J. Acoust. Soc. Am.* 85(2):837-847. 1989. WR 213
[Dep. Biomed. Eng., Johns Hopkins Univ. School Med., Baltimore, MD 21205]

89-004255 Melnick, Don J. THE GENETIC STRUCTURE OF A PRIMATE SPECIES: RHESUS MACAQUES AND OTHER CERCOPITHECINE MONKEYS. *Int. J. Primatol.* 9(3):195-231. 1988. WR 213
[Genet. Lab., Dep. Anthropol., Columbia Univ., New York, NY 10027]

PRIMATES (CONTINUED)

89-004256 Mertl-Millhollen, Anne S. OLFACTORY DEMARCATION OF TERRITORIAL BUT NOT HOME RANGE BOUNDARIES BY *LEMUR CATTA*. *Folia Primatol*. 50(3-4):175-187. 1988. WR 213
[1303 Steven, Hays, KS 67601]

89-004257 Minezawa, Mitsuru; Otto Carlos Jordan C. and C. Jaime Valdivia B. KARYOTYPIC STUDY OF TITI MONKEYS, *CALLICEBUS MOLOCH BRUNNEUS*. *Primates* 30(1):81-88. 1989. WR 213
[Lab. Anim. Germplasma Res. & Evaluation, Dep. Genet. Resour. I, Natl. Inst. Agrobiol. Resour., Kannondai, Tsukuba-shi, Ibaraki 305, Japan]

89-004258 Nakagawa, Naofumi. FEEDING STRATEGIES OF JAPANESE MONKEYS AGAINST DETERIORATION OF HABITAT QUALITY. *Primates* 30(1):1-16. 1989. WR 213
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan] *Macaca fuscata* in Japan.

89-004259 Nakagawa, Naofumi. ACTIVITY BUDGET AND DIET OF PATAS MONKEYS IN KALA MALOUE NATIONAL PARK, CAMEROON: A PRELIMINARY REPORT. *Primates* 30(1):27-34. 1989. WR 213
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan] *Erythrocebus patas* and *Cercopithecus aethiops*.

89-004260 Nash, L. T. and P. L. Whitten. PRELIMINARY OBSERVATIONS ON THE ROLE OF *ACACIA* GUM CHEMISTRY IN *ACACIA* UTILIZATION BY *GALAGO SENEGALENSIS* IN KENYA. *Am. J. Primatol*. 17(1):27-39. 1989. WR 213
[Dep. Anthropol., Ariz. State Univ., Tempe 85287-2402]

89-004261 Nishida, Toshisada. DEVELOPMENT OF SOCIAL GROOMING BETWEEN MOTHER AND OFFSPRING IN WILD CHIMPANZEES. *Folia Primatol*. 50(1-2):109-123. 1988. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Kitashirakawa-Oiwakecho, Sakyo-ku, Kyoto 606, Japan] *Pan troglodytes* in Tanzania.

89-004262 Nishida, Toshisada. A NOTE ON THE CHIMPANZEE ECOLOGY OF THE UGALLA AREA, TANZANIA. *Primates* 30(1):129-138. 1989. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Sakyo-ku, Kyoto 606, Japan] *Pan troglodytes*.

89-004263 O'Brien, Timothy G. PARASITIC NURSING BEHAVIOR IN THE WEDGE-CAPPED CAPUCHIN MONKEY (*CEBUS OLIVACEUS*). *Am. J. Primatol*. 16(4):341-344. 1988. WR 213
[Dep. Wildl. & Range Sci., 118 Newins-Ziegler Hall, Univ. Fla., Gainesville 32611]

89-004264 Pages-Feuillade, E. [SPATIAL DISTRIBUTION AND INTERINDIVIDUAL RELATIONSHIPS IN A NOCTURNAL MALAGASY LEMUR *MICROCEBUS MURINUS*.] *Folia Primatol*. 50(3-4):204-220. 1988. In French with English summ. WR 213
[URA 136/CNRS, Lab. Ecol. Gen., Mus. Natl. Hist. Nat., 4 Ave. Petit-Chateau, F-91800 Brunoy, France]

89-004265 Pan Ruliang; Peng Yanzhang; Ye Zhizhang and Wang Hong. [THE MANDIBLES OF PHAYREI'S AND FRANCOIS' LEAF MONKEYS.] *Zool. Res*. 9(4):385-393. 1988. In Chinese with English summ. WR 213

PRIMATES (CONTINUED)

89-004265 CONTINUED
[Dep. Primate Biol., Kunming Inst. Zool., Acad. Sinica, China] *Presbytis phayrei* and *P. francoisi*.

89-004266 Pereira, Michael E. AGONISTIC INTERACTIONS OF JUVENILE SAVANNA BABOONS II. AGONISTIC SUPPORT AND RANK ACQUISITION. *Ethology* 80(1-4):152-171. 1989. WR 213
[Duke Univ. Primate Cent., 3705 Erwin Rd., Durham, NC 27705] *Papio cynocephalus* in Kenya.

89-004267 Perez, Lorelei E.; Nancy M. Czekala; Karen A. Weisenseel and Bill L. Lasley. EXCRETION OF RADIOLABELED ESTRADIOL METABOLITES IN THE SLOW LORIS (*NYCTICEBUS COUCANG*). *Am. J. Primatol.* 16(4):321-330. 1988. WR 213
[Dep. Biol., Boston Univ., 2 Cummington St., Boston, MA 02215]

89-004268 Peterson, Greg; Kathy Kelly and Lee Miller. USE OF AN ARTIFICIAL GUM-TREE FEEDER FOR MARMOSETS. *Anim. Keepers' Forum* 15(12):396-401. 1988. WR 213
[Friends Natl. Zoo, Natl. Zool. Park/Smithsonian Inst., Washington, DC] *Cebuella pygmaea*.

89-004269 Pirta, Raghubir Singh. COOPERATIVE LIFE OF RHESUS MONKEYS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 346-365. 1986. WR 213
[Dep. Psychol., Himachal Pradesh Univ., Shimla 171 005, H.P., India] *Macaca mulatta* in India.

89-004270 Plavcan, J. Michael and Richard F. Kay. SEXUAL DIMORPHISM AND DENTAL VARIABILITY IN PLATYRRHINE PRIMATES. *Int. J. Primatol.* 9(3):169-178. 1988. WR 213
[Dep. Biol. Anthropol. & Anat., Box 3170, Duke Univ. Med. Cent., Durham, NC 27710]

89-004271 Pryce, C. R.; D. H. Abbott; J. K. Hodges and R. D. Martin. MATERNAL BEHAVIOR IS RELATED TO PREPARTUM URINARY ESTRADIOL LEVELS IN RED-BELLIED TAMARIN MONKEYS. *Physiol. Behav.* 44(6):717-726. 1988. WR 213
[Anthropol. Inst. & Mus., Univ. Zurich-Irchel, Winterthurerstr. 190, CH-8057 Zurich, Switzerland] *Saguinus labiatus*.

89-004272 Puschmann, Wolfgang. [OBSERVATIONS ON THE REPRODUCTIVE BIOLOGY OF THE GENUS *CERCOPITHECUS*.] *Zool. Gart.* 58(3/4):137-147. 1988. In German. WR 213
[Zool. Garten Magdeburg, Am Vogelsang 12, Magdeburg DDR-3017, East Germany]

89-004273 Rego, A. Arandas and G. Schaeffer. *FILARIOPSIS BARRETOI* (TRAVASSOS, 1921) (NEMATODA: METASTRONGYLOIDEA) LUNG PARASITE OF PRIMATES FROM SOUTH AMERICA - TAXONOMY, SYNONYMS AND PATHOLOGY. *Mem. Inst. Oswaldo Cruz Rio de J.* 83(2):183-188. 1988. In English with Portuguese summ. WR 213
[Inst. Oswaldo Cruz, Dep. Helmintol., Caixa Postal 926, 20001 Rio de Janeiro, Brazil]

PRIMATES (CONTINUED)

89-004274 Ritchie, Bill G. and Dorothy M. Fragaszy. CAPUCHIN MONKEY (*CEBUS APELLA*) GROOMS HER INFANT'S WOUND WITH TOOLS. *Am. J. Primatol.* 16(4):345-348. 1988. WR 213
[Fragaszy: Dep. Psychol., Wash. State Univ., Pullman 99164-4830]

89-004275 Rodman, Peter S. RESOURCES AND GROUP SIZES OF PRIMATES. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 83-108. 1988. WR 213
[Dep. Anthropol. & Calif. Primate Res. Cent., Univ. Calif., Davis 95616] *Hylobates muelleri* and *Macaca fascicularis* in Indonesia.

89-004276 Rogers, Rachel. NESTBUILDING BEHAVIOR OF THE RUFFED LEMUR: A LONGITUDINAL STUDY AT MIAMI METROZOO. *Anim. Keepers' Forum* 15(12):483-494. 1988. WR 213
[Metrozoo, Miami, FL] *Varecia variegata.*

89-004277 Roonwal, M. L. THE LANGURS (*PRESBYTIS*). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 366-378. 1986. WR 213
[Zool. Surv. India, Jodhpur, M.P., India]

89-004278 Rothe, H.; A. Konig; Ute Radespiel; K. Darms and Margaretha Siess. OCCURRENCE AND FREQUENCY OF TWIN-FIGHT IN THE COMMON MARMOSET (*CALLITHRIX JACCHUS*). *Z. Saeugetierkd.* 53(6):325-332. 1988. In English with German summ. WR 213
[Inst. Anthropol., Univ. Gottingen, Burgerstr. 50, D-3400 Gottingen, West Germany]

89-004279 Rumpler, Y.; S. Warter; J. J. Petter; R. Albignac and B. Dutrillaux. CHROMOSOMAL EVOLUTION OF MALAGASY LEMURS XI. PHYLOGENETIC POSITION OF *DAUBENTONIA MADAGASCARIENSIS*. *Folia Primatol.* 50(1-2):124-129. 1988. WR 213
[Inst. Embryol. Fac. Med., 11 rue Humann, F-67085 Strasbourg Cedex, France]

89-004280 Savage, Anne. "PROYECTO TITI": THE REINTRODUCTION OF COTTON-TOP TAMARINS TO A SEMI-NATURAL ENVIRONMENT AND THE DEVELOPMENT OF CONSERVATION EDUCATION PROGRAMS IN COLOMBIA. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 78-84. 1988. WR 213
[Dep. Psychol., Univ. Wis., Madison]

89-004281 Savage, Anne, editor. PROCEEDINGS OF THE WORKSHOP ON THE ZOO-UNIVERSITY CONNECTION: COLLABORATIVE EFFORTS IN THE CONSERVATION OF ENDANGERED PRIMATES. *Zoo Biol. Suppl.* 1:1-175. 1989. WR 213
[Dep. Psychol., Univ. Wis., Madison 53706] Selected papers included in this issue of *Wildlife Review.*

89-004282 Schaffer, Nan; Michael Cranfield; Thomas Meehan and Sandra Kempske. SEMEN COLLECTION AND ANALYSIS IN THE CONSERVATION OF ENDANGERED NONHUMAN PRIMATES. *Zoo Biol. Suppl.* 1:47-60. 1989. WR 213
[Zoo Hospital, Lincoln Park Zoo, 2300 N. Cannon Dr., Chicago, IL 60614-3895]

89-004283 Scimeca, J. M.; D. E. Culberson; C. R. Abee and W. A. Gardner, Jr. INTESTINAL TRICHOMONADS (*TRITRICHOMONAS MOBILENSIS*) IN THE NATURAL HOST *SAIMIRI SCIUREUS* AND *SAIMIRI BOLIVIENSIS*.

PRIMATES (CONTINUED)

89-004283 CONTINUED *Vet. Pathol.* 26(2):144-147. 1989. WR 213
[Gardner: Dep. Pathol., Univ. S. Ala. Coll. Med., Mobile 36617]

89-004284 Simons, Elwyn L. A NEW SPECIES OF *PROPITHECUS* (PRIMATES) FROM NORTHEAST MADAGASCAR. *Folia Primatol.* 50(1-2):143-151. 1988. WR 213
[Dep. Anthropol. & Primate Cent., Duke Univ., Durham, NC 27705] *P. tattersalli.*

89-004285 Snowdon, Charles T. THE CRITERIA FOR SUCCESSFUL CAPTIVE PROPAGATION OF ENDANGERED PRIMATES. *Zoo Biol. Suppl.* 1:149-162. 1989. WR 213
[Dep. Psychol., Univ. Wis., 1202 W. Johnson St., Madison 53706]

89-004286 Sommer, Volker. SEXUAL HARASSMENT IN LANGUR MONKEYS (*PRESBYTIS ENTELLUS*): COMPETITION FOR OVA, SPERM, AND NURTURE? *Ethology* 80(1-4):205-217. 1989. WR 213
[Inst. Anthropol., Georg-August-Univ., Burgerstr. 50, D-3400 Gottingen, West Germany]

89-004287 Tarantal, Alice Faye. I. THE EVALUATION OF PRENATAL GROWTH AND DEVELOPMENT IN THE RHESUS AND CYNOMOLGUS MACAQUE (*MACACA MULATTA* AND *MACACA FASCICULARIS*) BY ULTRASOUND. II. THE POTENTIAL BIOEFFECTS OF PRENATAL ULTRASOUND EXPOSURE IN THE CYNOMOLGUS MACAQUE (*MACACA FASCICULARIS*). *Ph.D. dissertation, Univ. Calif. (Davis)* 191p. 1989. From Diss. Abstr. Int. B Sci. Eng. 49(8):2960. 1989. Order No. DA8821731. WR 213

89-004288 Tomasello, Michael; Deborah Gust and G. Thomas Frost. A LONGITUDINAL INVESTIGATION OF GESTURAL COMMUNICATION IN YOUNG CHIMPANZEES. *Primates* 30(1):35-50. 1989. WR 213
[Dep. Psychol., Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322] *Pan trogoldytes.*

89-004289 Wang Duojiang. [A STUDY ON THREE-DIMENSIONAL RECONSTRUCTION OF BRAIN STRUCTURE OF THE TREE SHREW (*TUPAIA BELONGERI CHINENSIS*) III. THE SOLID FIGURES OF THE BRAIN BY COMPUTER AIDED GRAPHICS.] *Zool. Res.* 9(4):349-356. 1988. In Chinese with English summ. WR 213

89-004290 Watts, David P. INFANTICIDE IN MOUNTAIN GORILLAS: NEW CASES AND A RECONSIDERATION OF THE EVIDENCE. *Ethology* 81(1):1-18. 1989. WR 213
[Dep. Anthropol., Univ. Mich., Ann Arbor 48109] *Gorilla gorilla beringei.*

89-004291 Webley, G. E.; D. H. Abbott; L. M. George; J. P. Hearn and H. Mehl. CIRCADIAN PATTERN OF PLASMA MELATONIN CONCENTRATIONS IN THE MARMOSET MONKEY (*CALLITHRIX JACCHUS*). *Am. J. Primatol.* 17(1):73-79. 1989. WR 213
[Inst. Zool., Regent's Park, London NW1 4RY, England]

89-004292 White, Frances J. PARTY COMPOSITION AND DYNAMICS IN *PAN PANISCUS*. *Int. J. Primatol.* 9(3):179-193. 1988. WR 213
[Dep. Biol. Anthropol. & Anat., Duke Univ., Durham, NC 27706]

PRIMATES (CONTINUED)

89-004293 Wildt, David E. STRATEGIES FOR THE PRACTICAL APPLICATION OF REPRODUCTIVE TECHNOLOGIES TO ENDANGERED SPECIES. *Zoo Biol. Suppl.* 1:17-20. 1989. WR 213
[Dep. Anim. Health, Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

89-004294 Wu Baoqi; Zhong Tai and Wu Ji. [A PRELIMINARY SURVEY OF ECOLOGY AND BEHAVIOR ON A YUNNAN SNUB-NOSED MONKEY (*RHINOPITHECUS BIETI*) GROUP.] *Zool. Res.* 9(4):373-384. 1988. In Chinese with English summ. WR 213
[Kunming Inst. Zool., Acad. Sinica, China]

89-004295 Yoshinaga, Kazuya; David L. Hess; Andrew G. Hendrickx and Luciano Zamboni. THE DEVELOPMENT OF THE SEXUALLY INDIFFERENT GONAD IN THE PROSIMIAN, *GALAGO CRASSICAUDATUS CRASSICAUDATUS*. *Am. J. Anat.* 181(1):89-105. 1988. WR 213
[Zamboni: Dep. Pathol., Harbor-UCLA Med. Cent., 1000 W. Carson St., Torrance, CA 90509]

OTHER MAMMALS

89-004296 Ali, S. Mohammad. THE INDIAN ELEPHANT: THEIR DISTRIBUTION, ECOLOGY AND REPRODUCTION. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 437-458. 1986. WR 213
[Zool. Surv. India, 8 Lindsay St., Calcutta, India]

89-004297 Barrett, T. V. and R. D. Naiff. TRYPANOSOMES OF THE SUBGENUS *MEGATRYPANUM* FROM ARMADILLOS (XENARTHRA: DASYPODIDAE). *Mem. Inst. Oswaldo Cruz Rio de J. Suppl. I* 83:PZ-21. 1988. Abstract only. WR 213
Euphractus sexcinctus in Brazil.

89-004298 Calef, George W. MAXIMUM RATE OF INCREASE IN THE AFRICAN ELEPHANT. *Afr. J. Ecol.* 26(4):323-327. 1988. In English with French summ. WR 213
[Dep. Wildl. & Natl. Parks, P.O. Box 11, Maun, Botswana] *Loxodonta africana*.

89-004299 Koen, J. H. ELEPHANTS AND HABITATS IN THE SOUTHERN CAPE. *Naturalist (S. Afr.)* 32(3):42-43. 1988. WR 213
[For. Res. Inst., Saasveld For. Res. Cent., Private Bag X6515, George 6530, South Africa] *Loxodonta africana* in South Africa.

89-004300 Mayer, John J. OCCURRENCE OF THE NINE-BANDED ARMADILLO, *DASYPUS NOVEMCINCTUS* (MAMMALIA: EDENTATA), IN SOUTH CAROLINA. *Brimleyana* No. 15. p. 1-5. 1989. WR 213
[Law Environ., Inc., 112 Townpark Dr., Kennesaw, GA 30144-5599]

89-004301 Moore, Adriienne Whiteley and Donald E. Moore. OBSERVATIONS ON HOFFMANN'S TWO-TOED SLOTH (*CHOLOEPUS HOFFMANNI*) PARTURITION AT THE BURNET PARK ZOO. *Anim. Keepers' Forum* 15(12):473-474. 1988. WR 213
[Burnet Park Zoo, Syracuse, NY]

89-004302 Onyeanusi, A. E.; I. I. Ero and A. A. M. Kushi. UTILISATION OF BAOBAB TREES BY ELEPHANTS IN YANKARI GAME RESERVE. *Nigerian Field* 53(4):163-166. 1988. WR 213

OTHER MAMMALS (CONTINUED)

89-004302 CONTINUED
[For. Res. Inst., PMB 5054, Ibadan, Nigeria] *Loxodonta africana* in Nigeria.

89-004303 Pellew, R. A. MODELLING AND THE SYSTEMS APPROACH TO MANAGEMENT PROBLEMS: THE *ACACIA*/ELEPHANT PROBLEM IN THE SERENGETI. *In: Management of Large Mammals in African Conservation Areas. R. Norman Owen-Smith, editor.* p. 93-114. 1983. WR 213
[Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England] *Loxodonta africana* in Tanzania.

89-004304 Rappaport, Andrew B. and Howard Hochman. CYSTIC CALCULI AS A CAUSE OF RECURRENT RECTAL PROLAPSE IN A SLOTH (*CHOLEPUS* SP.). *J. Zoo Anim. Med.* 19(4):235-236. 1988. WR 213
[Vet. Med. Clin., Inc., 4241 Henderson Blvd., Tampa, FL 33629]

89-004305 Szeplaki O., E.; J. Ochoa G. and J. Clavijo A. STOMACH CONTENTS OF THE GREATER LONG-NOSED ARMADILLO (*DASYPUS KAPPLERI*) IN VENEZUELA. *Mammalia* 52(3):422-425. 1988. WR 213
[Inst. Zool. Trop (UCV), Apdo. 47058, Caracas-1041A, Venezuela]

BIRDS--GENERAL

89-004306 Breitwisch, Randall. MORTALITY PATTERNS, SEX RATIOS, AND PARENTAL INVESTMENT IN MONOGAMOUS BIRDS. *Curr. Ornithol.* 6:1-50. 1989. WR 213
[Dep. Biol., Univ. Dayton, Dayton, OH 45469]

89-004307 Burton, Donald L. HOUSING, HANDLING, FEEDING, & EMERGENCY CARE OF WILD BIRDS. *Proc. SAVMA '85 Symp.* p. 201-210. 1985. WR 213
[Wildl. Rehab. & Res. Coop., Dublin, OH]

89-004308 Curio, E. IS AVIAN MORTALITY PREPROGRAMMED? *Trends Ecol. Evol.* 4(3):81-82. 1989. WR 213
[Ruhr-Univ. Bochum, Fak. Biol., Arbeitsgruppe Verhaltensforschung, Postfach 10 21 48, 4630 Bochum 1, West Germany]

89-004309 Djouninski, Emile. [NOTES ON ALGERIAN ORNITHOLOGY.] *Alauda* 56(3):270. 1988. In French. WR 213
[Bloc "Prolet" C.B., 3900 Belogradtchik, Bulgaria]

89-004310 Izhaki, Ido and Uriel N. Safriel. WHY ARE THERE SO FEW EXCLUSIVELY FRUGIVOROUS BIRDS? EXPERIMENTS ON FRUIT DIGESTIBILITY. *Oikos* 54(1):23-32. 1989. WR 213
[Oranim, Univ. Haifa, P.O. Kiryat Tivon 36910, Israel] *Turdus merula*, *T. philomelos*, *Pycnonotus barbatus*, *Sylvia curruca*, *S. atricapilla*, and *S. hortensis*.

89-004311 Oeser, Rudolf. [THE CONSUMPTION OF SNAILS BY BIRDS.] *Beitr. Vogelkd.* 34(1):36-40. 1988. In German. WR 213
[Ehemals Schulstr. 84, Raschau DDR-9443, East Germany]

89-004312 Peterson, A. Townsend; David R. Osborne and Douglas H. Taylor. TREE TRUNK ARTHROPOD FAUNAS AS FOOD RESOURCES FOR BIRDS. *Ohio J. Sci.* 89(1):23-25. 1989. WR 213

BIRDS--GENERAL (CONTINUED)

89-004312 CONTINUED
[Allee Lab. Anim. Behav., Comm. Evol. Biol., Univ. Chicago, 940 E. 57th St., Chicago, IL 60637]

89-004313 Power, Dennis M., editor. CURRENT ORNITHOLOGY. *Plenum Press (New York)* 6:332p. 1989. WR 213
[Mus. Nat. Hist., Santa Barbara, CA] Individual papers indexed in this issue of *Wildlife Review*.

89-004314 Virkkala, Raimo. FORAGING NICHES OF FOLIAGE-GLEANING BIRDS IN THE NORTHERNMOST TAIGA IN FINLAND. *Ornis Fenn.* 65(3):104-113. 1988. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100, Helsinki, Finland] *Parus cinctus*, *Perisoreus infaustus*, *Fringilla montifringilla*, and *Phylloscopus trochilus*.

BIRDS--TECHNIQUES

89-004315 Anderson-Brown, A. F. RECENT DEVELOPMENTS IN INCUBATION. *World Pheasant Assoc. J.* 13:29-31. 1988. WR 213
[Blundeston Hall, Lowestoft, Suffolk, England]

89-004316 Arendt, Wayne J. and John Faaborg. SOURCES OF VARIATION IN MEASUREMENTS OF BIRDS IN A PUERTO RICAN DRY FOREST. *J. Field Ornithol.* 60(1):1-11. 1989. In English with Spanish summ. WR 213
[U.S. For. Serv., South. For. Exp. Stn., Inst. Trop. For., Call Box 25000, Rio Piedras, PR 00928-2500]

89-004317 Chapin, Ross E. CONSTRUCTION OF POLES FOR DOUBLE-TIERED MIST NETS. *N. Am. Bird Bander* 13(4):108-109. 1988. WR 213
[4340 N. Via Raposa, Tucson, AZ 85718]

89-004318 Kettle, R. and J. Boswall. PALEARCTIC BIRD SOUND RECORDINGS 1981-1987. *Bioacoustics* 1(2/3):209-239. 1988. WR 213

89-004319 Laudenslayer, William F., Jr. U.S. FISH AND WILDLIFE SERVICE BREEDING BIRD SURVEYS: HOW CAN THEY BE USED IN FOREST MANAGEMENT? *Trans. West. Sect. Wildl. Soc.* 24:115-120. 1988. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., Tahoe Natl. For., Hwy 49 & Coyote St., Nevada City, CA 95959]

89-004320 Smith, R. Jefferson and Thomas Bates Smith. PORTABLE DEVICE FOR MEASURING SEED HARDNESS. *J. Field Ornithol.* 60(1):56-59. 1989. In English with Spanish summ. WR 213
[404 25 Rd., Grand Junction, CO 81503]

89-004321 Wilson, Rory P. and Marie-Pierre T. J. Wilson. A MINIMAL-STRESS BIRD-CAPTURE TECHNIQUE. *J. Wildl. Manage.* 53(1):77-80. 1989. WR 213
[Inst. Meereskunde, Univ. Kiel, Dusternbrooker Weg 20, D-2300 Kiel, West Germany]

BIRDS--TECHNIQUES (CONTINUED)

89-004322 Zicus, Michael C. AUTOMATIC TRAP FOR WATERFOWL USING NEST BOXES. *J. Field Ornithol.* 60(1):109-111. 1989. In English with Spanish summ. WR 213
[Dep. Nat. Resour., Wetland Wildl. Popul. & Res. Group, 102 23rd St., Bemidji, MN 56601]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS

89-004323 Adkisson, Curtis S. CAVITY-NESTING BIRDS OF NORTH AMERICA: PAST HISTORY, PRESENT STATUS, AND FUTURE PROSPECTS. *Bird Conserv.* 3:85-100. 1988. WR 213
[Dep. Biol., VPI&SU, Blacksburg, VA 24061]

89-004324 Anderson, David A. FIELDNOTES: EASTERN OREGON, SUMMER 1988. *Oreg. Birds* 15(1):34-39. 1989. WR 213
[6203 S.E. 92nd Ave., Portland, OR 97266]

89-004325 Baltosser, William H. SEASONAL ANALYSIS OF A SOUTHWESTERN NEW MEXICO RIPARIAN BIRD COMMUNITY. *West. Birds* 17(3):115-131. 1987. WR 213
[5022 la Cienaga NW, Albuquerque, NM 87107]

89-004326 Beintema, A. J. MEADOW BIRDS IN THE NETHERLANDS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 83-91. 1982. WR 213
[Res. Inst. Nat. Manage., Kasteel Broekhuizen, Postbus 46, 3956 ZR Leersum, Netherlands]

89-004327 Beltzer, Adolfo Hector. [PRELIMINARY STUDY OF THE AVIFAUNA OF DEL CRISTAL POND (BASIN OF SALADILLO RIVER, SANTA FE, ARGENTINA).] *Hist. Nat.* 6(8):65-74. 1986. In Spanish with English summ. WR 213
[Inst. Nac. Limnol., Jose Macia 1933, 3016 Santo Tome, Sante Fe, Argentina]

89-004328 Binford, Laurence C. CHECKLIST OF CALIFORNIA BIRDS--1986. *West. Birds* 17(1):1-16. 1986. WR 213
[330 Grove St., Glencoe, IL 60022]

89-004329 Blankert, J. J. (Han) and Rolf A. de By. RARE BIRDS IN THE NETHERLANDS IN 1987. *Dutch Birding* 10(4):167-177. 1988. In English. WR 213
[Staalwijkstr. 17, 2313 XP Leiden, Netherlands]

89-004330 Block, William M. and Michael L. Morrison. CONCEPTUAL FRAMEWORK AND ECOLOGICAL CONSIDERATIONS FOR THE STUDY OF BIRDS IN OAK WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 163-173. 1987. WR 213
[Univ. Calif., Berkeley 94720]

89-004331 Bolduc, Don; Steve Carlson; Oscar Johnson and Dick Ruhme. THE SPRING SEASON (MARCH 1 TO MAY 31, 1988). *Loon* 60(4):152-172. 1988. WR 213

89-004332 Brawn, J. D.; W. J. Boecklen and R. P. Balda. INVESTIGATIONS OF DENSITY INTERACTIONS AMONG BREEDING BIRDS IN PONDEROSA PINE FORESTS: CORRELATIVE AND EXPERIMENTAL EVIDENCE. *Oecologia (Berl.)* 72(3):348-357.

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004332 CONTINUED 1987. WR 213
[Smithsonian Trop. Res. Inst., Box 2072, Balboa, Panama]

89-004333 Brawn, Jeffrey D. and Russell P. Balda. THE INFLUENCE OF SILVICULTURAL ACTIVITY ON PONDEROSA PINE FOREST BIRD COMMUNITIES IN THE SOUTHWESTERN UNITED STATES. *Bird Conserv.* 3:3-21. 1988. WR 213
[Smithsonian Trop. Res. Inst., APO, Miami, FL 34002-0011]

89-004334 Brettfeld, Ralf and Bodo Giering. [ORNITHOLOGICAL OBSERVATIONS ON THE BULGARIAN BLACK SEA COAST.] *Beitr. Vogelkd.* 34(1):21-28. 1988. In German. WR 213
[Mus. Schloss Betholdsburg PSF 44, Schleusingen DDR-6056, East Germany]

89-004335 Brichetti, Pierandrea, editor. [ATLAS OF THE BIRDS BREEDING IN THE ITALIAN ALPINE ZONE. IV.] *Riv. Ital. Ornitol.* 58(1-2):3-39. 1988. In Italian with English, French, and German summ. WR 213
[Mus. Civico Sci. Nat., Via Ozanam 4, 25100 Brescia, Italy]

89-004336 Brock, Kenneth J. and James A. Haw. FIELD NOTES: SPRING 1988. *Indiana Audubon Q.* 67(1):27-39. 1989. WR 213
[Indiana Univ. Northwest, Gary 46408]

89-004337 Chalmers, M. L., compiler. ADDITIONS AND CORRECTIONS TO THE ANNOTATED CHECKLIST OF THE BIRDS OF HONG KONG, 4th EDITION 1986. *Hong Kong Bird Rep.* 1987:28-34. 1988. WR 213
[Hong Kong Bird Watching Soc., G.P.O. Box 12460, Hong Kong]

89-004338 Colas, Alain. [THE PROTECTION OF BIRDS ON SALT MARSHES.] *Alauda* 56(3):271-273. 1988. In French. WR 213
[51 rue Anjou, 75008 Paris, France]

89-004339 Collazo, Jaime A. and Gilbert I. Bonilla Martinez. [COMPARISON OF AVIAN SPECIES RICHNESS BETWEEN PLANTATIONS OF HONDURAN PINE AND AREAS OF NATIVE FOREST IN THE CARITE STATE FOREST, CAYEY, PUERTO RICO.] *Caribb. J. Sci.* 24(1-2):1-10. 1988. In Spanish with English summ. WR 213
[U.S. Fish & Wildl. Serv., Box 510, Boqueron, PR 00622]

89-004340 Corsetti, Luigi. [THE BIRDS OF THE LEPINI MOUNTAINS (SOUTHERN LATIUM).] *Riv. Ital. Ornitol.* 58(1-2):43-48. 1988. In Italian with English summ. WR 213
[Via Adige 45, 04100 Latina, Italy]

89-004341 de By, Rolf A. and Joke E. Winkelman. [RARE AND SCARCE BIRDS IN THE NETHERLANDS IN 1987.] *Limosa* 61(3/4):163-174. 1988. In Dutch with English summ. WR 213
[Ankrot 19, 7523 LH Enschede, Netherlands]

89-004342 DeBenedictis, Paul A., editor. REPORT OF THE NEW YORK STATE AVIAN RECORDS COMMITTEE 1987. *Kingbird* 38(4):226-234. 1988. WR 213
[306 Kensington Place, Syracuse, NY 13210]

89-004343 Dennis, M. K., compiler. WINTERING BIRDS IN THE LONDON AREA PART THREE: WOODLAND BIRDS. *London Bird Rep.* No. 52. p. 133-141. 1987. WR 213
[173 Collier Row Ln., Romford, Essex RM5 3ED, England]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004344 DeVito, Emile Dominick. LANDSCAPE SCALE AND AVIAN HABITAT SELECTION IN THE NEW JERSEY PINE BARRENS: FORAGING FOR CONTEXT-DEPENDENT RESOURCES WITHIN A FOREST MOSAIC. *Ph.D. dissertation, Univ. Wis. (Madison)* 192p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2039. 1988. Order No. DA8810458. WR 213

89-004345 Dickson, James G. BIRD COMMUNITIES IN OAK-GUM-CYPRESS FORESTS. *Bird Conserv.* 3:51-62. 1988. WR 213
[U.S. For. Serv., Box 7600, SFA Stn., Nacogdoches, TX 75961]

89-004346 Dinsmore, James J., compiler. FIELD REPORTS - SUMMER 1988. *Iowa Bird Life* 58(4):106-113. 1988. WR 213

89-004347 Downer, Audrey and Catherine Levy, editors. OBSERVATIONS ON THE EFFECTS OF HURRICANE GILBERT ON BIRD-LIFE IN JAMAICA. *Gosse Bird Club Broadsheet* 51:2-7. 1988. WR 213
[P.O. Box 1002, Kingston 8, Jamaica]

89-004348 Duncan, Douglas K.; Elaine E. Johnson-Duncan and R. Roy Johnson. URBAN ENVIRONMENTS AS AVIAN HABITAT. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 31-36. 1986. WR 213
[School Renewable Nat. Resour., Univ. Ariz., Tucson 85721]

89-004349 Elliott, Catherine Ann. SONGBIRD SPECIES DIVERSITY AND HABITAT USE IN RELATION TO VEGETATION STRUCTURE AND SIZE OF FOREST STANDS AND FOREST-CLEARCUT EDGES IN NORTH-CENTRAL MAINE. *Ph.D. dissertation, Univ. Maine* 98p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(8):2949. 1989. Order No. DA8813474. WR 213

89-004350 Farkas, T. THE BIRDS OF KORANNABERG, EASTERN ORANGE FREE STATE, SOUTH AFRICA. *Navors. Nas. Mus. (Bloemfontein)* 6(3):35-108. 1988. WR 213
[P.O. Box 3019, Pietermaritzburg 3200, South Africa]

89-004351 Fink, Todd. THE 1988 STATEWIDE SPRING BIRD COUNT. *Ill. Birds Birding* 4(3):51-56. 1988. WR 213
[Dixon Springs State Park, Golconda, IL 62938]

89-004352 Fowler, Norman E. and Robert W. Howe. BIRDS OF REMNANT RIPARIAN FORESTS IN NORTHEASTERN WISCONSIN. *West. Birds* 18(1):77-83. 1987. WR 213
[Environ. Sci. 317, Univ. Wis., Green Bay 54301]

89-004353 Franklin, Thomas M. and James R. Wilkinson. PREDICTED EFFECTS ON BIRDLIFE OF TWO DEVELOPMENT PLANS FOR AN URBAN ESTATE. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 105-117. 1986. WR 213

89-004354 Franzreb, Kathleen E. PERSPECTIVES ON MANAGING RIPARIAN ECOSYSTEMS FOR ENDANGERED BIRD SPECIES. *West. Birds* 18(1):3-9. 1987. WR 213
[U.S. Fish & Wildl. Serv., Endangered Species Off., 2800 Cottage Way, Room E-1823, Sacramento, CA 95825]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004355 Frohn, Robert C. THE EFFECTS OF WILDFIRE AND PRESCRIBED BURNING ON THE STRUCTURE AND FORAGING COMPOSITION OF AVIAN COMMUNITIES. *Ohio J. Sci.* 89(2):44. 1989. Abstract only. WR 213
[Inst. Environ. Sci., Miami Univ., Oxford, OH 45056]

89-004356 Geffen, Alice M. and Carole Berglie. BIRDER'S GUIDE TO CENTRAL PARK. *Wildbird* 3(4):30-37. 1989. WR 213

89-004357 Geroudet, Paul, compiler. [ORNITHOLOGICAL RECORD FOR WESTERN SWITZERLAND: FALL 1987 AND WINTER 1987-1988.] *Nos Oiseaux* 39(8):421-435. 1988. In French. WR 213
[37 av. Champel, CH-1206 Geneva, Switzerland]

89-004358 Goetz, Ronald E. and John C. Robinson. FIRST REPORT OF THE ILLINOIS ORNITHOLOGICAL RECORDS COMMITTEE. *Ill. Birds Birding* 4(3):57-63. 1988. WR 213
[909 S. Gore Ave., Webster Groves, MO 63119]

89-004359 Gutzwiller, K. J. and S. H. Anderson. CO-OCCURRENCE PATTERNS OF CAVITY-NESTING BIRDS IN COTTONWOOD-WILLOW COMMUNITIES. *Oecologia (Berl.)* 76(3):445-454. 1988. WR 213
[Dep. Biol., Baylor Univ., Waco, TX 76798]

89-004360 Haffer, J. BIOGEOGRAPHY OF NEOTROPICAL BIRDS. *Oxford Monogr. Biogeogr.* No. 3. p. 105-150. 1987. WR 213
[Tommesweg 60, 4300 Essen-1, West Germany]

89-004361 Hall, George A. BIRDS OF THE SOUTHERN APPALACHIAN SUBALPINE FOREST. *Bird Conserv.* 3:101-117. 1988. WR 213
[Dep. Chem., W.Va. Univ., Box 6045, Morgantown 26506-6045]

89-004362 Hanmer, D. B. FLORA AND FAUNA RECORDS. *Nyala* 12(1/2):87-95. 1988. WR 213
[SUCOMA, P/Bag 50, Blantyre, Malawi]

89-004363 Harrington, Tom R. AVIFAUNAL COMPARISON OF MIDDENS ON AMCHITKA ISLAND, ALASKA. *M.S. thesis, Calif. State Univ. (Long Beach)* 118p. 1987. From Masters Abstr. Int. 26(4):404. 1988. Order No. MA1332774. WR 213
Diomedea albatrus and *Branta canadensis leucopareia*.

89-004364 Harrison, Colin. AN ATLAS OF THE BIRDS OF THE WESTERN PALAEARCTIC. *Princeton Univ. Press* 322p. 1982. WR 213

89-004365 Heigham, J. B. and P. E. O. Heigham. BIRD WATCHING NOTES IN MALAWI. *Nyala* 12(1/2):31-37. 1988. WR 213
[Mill Cottage, Tatham Rd., Ruabon, Wrexham, Clwyd LL14 6RF, Wales]

89-004366 Heinl, Steve. FIELDNOTES: WESTERN OREGON, SPRING 1988. *Oreg. Birds* 15(1):40-50. 1989. WR 213
[356 W. 8th Ave., Eugene, OR 97401]

89-004367 Hejl, Sallie J. and Jared Verner. EVALUATING AVIAN-HABITAT RELATIONSHIPS IN RED FIR FORESTS OF THE SIERRA NEVADA. *Trans. West. Sect. Wildl. Soc.* 24:121-134. 1988. WR 213

89-004367 CONTINUED
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 2081 E. Sierra Ave., Fresno, CA 93710]

89-004368 Hirschfeld, Erik. [RARE BIRDS IN SWEDEN IN 1987.] *Var Fagelvarld* 47(8):443-462. 1988. In Swedish with English summ. WR 213
[Sodra Forstadsgatan 62, 211 43 Malmo, Sweden]

89-004369 Hjort, Christian; Eckart Hakansson and Per Molgaard. BIRD OBERVATIONS ON KILEN, NORTHEASTERNMOST GREENLAND, 1985. *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):7-12. 1988. In English with Danish summ. WR 213
[Hessle, Munkarp, S-243 91 Hoor, Sweden]

89-004370 Hogg, Angus, editor. SCOTTISH BIRD REPORT 1987. *Scott. Bird Rep.* 55p. 1988. WR 213
[Kirklea, Crosshill, Maybole, Ayrshire KA19 7RJ, Scotland]

89-004371 Holupirek, Heinz. [FIRST CONTRIBUTION TO THE AVIFAUNA OF THE HIGH CENTRAL ERZGEBIRGE, EAST GERMANY.] *Beitr. Vogelkd.* 34(1):47-55. 1988. In German. WR 213
[Geyersdorfer Str. 50, Annaberg-Buchholz DDR-9300, East Germany]

89-004372 Horak, Gerald C. and Alexander T. Cringan. CHRISTMAS BIRD COUNT TRENDS IN A RAPIDLY GROWING COMMUNITY IN NORTHERN COLORADO. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 21-30. 1986. WR 213
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523]

89-004373 Howe, William H.; Daniel M. Taylor and Daivd A. Jett. ADDITIONAL RECORDS OF BIRDS FROM CAT ISLANDS, BAHAMAS. *Wilson Bull.* 101(1):115-117. 1989. WR 213
[U.S. Fish & Wildl. Serv., Natl. Ecol. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524-2098]

89-004374 Hunter, William C.; Robert D. Ohmart and Bertin W. Anderson. STATUS OF BREEDING RIPARIAN-OBLIGATE BIRDS IN SOUTHWESTERN RIVERINE SYSTEMS. *West. Birds* 18(1):10-18. 1987. WR 213
[Cent. Environ. Studies, Ariz. State Univ., Tempe 85287-1201]

89-004375 Jablonski, B. DISTRIBUTION, ABUNDANCE AND BIOMASS OF A SUMMER COMMUNITY OF BIRDS IN THE REGION OF THE ADMIRALTY BAY (KING GEORGE ISLAND, SOUTH SHETLAND ISLANDS, ANTARCTICA) IN 1978/1979. *Pol. Polar Res.* 7(3):217-260. 1986. From Ecol. Abstr. 88/5:88L/7060. 1988. WR 213

89-004376 Jackson, Jerome A. THE SOUTHEASTERN PINE FOREST ECOSYSTEM AND ITS BIRDS: PAST, PRESENT, AND FUTURE. *Bird Conserv.* 3:119-159. 1988. WR 213
[Dep. Biol. Sci., Box Z, Miss. State Univ., Mississippi State 39762]

89-004377 Janssen, Robert B. BIRDS IN MINNESOTA. *Univ. Minn. Press* 352p. 1987. Available at $35.00 (cloth) or $14.95 (paper) from Univ. Minn. Press, 2037 University Ave., S.E., Minneapolis 55414. WR 213

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004378 Johnson, Jim. FIELDNOTES: WESTERN OREGON, SUMMER 1988. *Oreg. Birds* 15(1):52-55. 1989. WR 213
[3244 N.E. Brazee St., Portland, OR 97212]

89-004379 Kawaji, Noritomo. BREEDING BIRD COMMUNITIES OF THE LOWER MONTANE ZONE IN SOUTHERN KYUSHU. *Jpn. J. Ornithol.* 36(4):153-158. 1988. In English with Japanese summ. WR 213
[For. & For. Products Res. Inst.., P.O. Box 16, Tsukuba-Norin-Kenkyu-Danchi, Ibaraki 305, Japan]

89-004380 Kent, Thomas H. MAPPING VAGRANTS. *Iowa Bird Life* 58(4):101-105. 1988. WR 213

89-004381 King, Ben and Zheng Guangmei. PRELIMINARY LIST OF THE BIRDS OF WUYANLING NATURAL RESERVE IN SOUTHERN ZHEJIANG PROVINCE, CHINA. *Hong Kong Bird Rep.* 1987:93-102. 1988. WR 213
[c/o Ornithol. Dep., Am. Mus. Nat. Hist., Central Park W. at 79th St., New York, NY 10024]

89-004382 King, David B., Jr.; Mona Baumgartel; John De Beer and Terry Meyer. THE BIRDS OF SAN ELIJO LAGOON, SAN DIEGO COUNTY, CALIFORNIA. *West. Birds* 18(4):177-208. 1987. WR 213
[A-022, Scripps Inst. Oceanogr., La Jolla, CA 92093]

89-004383 Kleen, Vernon M. FIELD NOTES: WINTER SEASON. *Ill. Birds Birding* 4(3):67-70. 1988. WR 213
[Avian Ecol. Program, Dep. Conserv., Springfield, IL 62706]

89-004384 Koen, J. H. and T. M. Crowe. ANIMAL-HABITAT RELATIONSHIPS IN THE KNYSNA FOREST, SOUTH AFRICA: DISCRIMINATION BETWEEN FOREST TYPES BY BIRDS AND INVERTEBRATES. *Oecologia (Berl.)* 72(3):414-422. 1987. WR 213
[South African For. Res. Inst., Saasveld For. Res. Cent., Private Bag X6515, George 6530, South Africa]

89-004385 Lam, C. Y., compiler. HONG KONG CHRISTMAS COUNT 27 DECEMBER 1987. *Hong Kong Bird Rep.* 1987:41-55. 1988. WR 213

89-004386 Leatherman, Dave. FALL 1987 SEASONAL REPORT - AUGUST 1 THROUGH NOVEMBER 30. *C.F.O. (Colo. Field Ornithol.) J.* 22(4):108-119. 1988. WR 213
[2048 Whiterock Ct., Fort Collins, CO 80526]

89-004387 Lulav, Shmuel. [THE INFLUENCE OF HUMAN ENVIRONMENTAL CHANGES ON THE POPULATION OF BIRDS IN THE NEGEV-KINNAROT.] *Torgos* 7(2):51-56, 104. 1988. In Hebrew with English summ. WR 213

89-004388 Mac Nally, Ralph C. THE RELATIONSHIP BETWEEN HABITAT BREADTH, HABITAT POSITION, AND ABUNDANCE IN FOREST AND WOODLAND BIRDS ALONG A CONTINENTAL GRADIENT. *Oikos* 54(1):44-54. 1989. WR 213
[Monash Univ., Clayton, Vic. 3168, Australia]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004389 Mackowicz, R. [THE BIRDS OF LAKE POGUBIE WIELKIE IN THE YEARS 1980-1984: AFTER THE DESTRUCTION OF SUBMERGED VEGETATION).] *Acta Zool. Cracov.* 30(1-11):25-36. 1987. In Polish with English summ. From Ecol. Abstr. 88/5:88L/7056. 1988. WR 213
Data for 122 species.

89-004390 Mactavish, Bruce, editor. SPRING BIRD REPORT: MARCH 21-MAY 31, 1988. *Bullbird* 3(3):1-11. 1988. WR 213
[37 Waterford Bridge Rd., St. John's, NF, Canada A1E 1C5]

89-004391 Majumdar, N. BIRDS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 276-297. 1986. WR 213
[Zool. Surv. India, Indian Mus., 27 Jawaharlal Nehru Rd., Calcutta-700 016, India]

89-004392 Manley, Patricia N. RESOURCE PARTITIONING BY AN AVIAN GUILD IN AN OAK WOODLAND. *M.S. thesis, Humboldt State Univ.* 1988. WR 213

89-004393 Martin, David E. NEWS FROM THE FIELD: SPRING 1988 (MARCH, APRIL, AND MAY) FALL 1988 (OCTOBER AND NOVEMBER). *C.F.O. (Colo. Field Ornithol.) J.* 22(4):120-133. 1988. WR 213
[9330 W. 90th Dr., Westminster, CO 80020]

89-004394 Mayfield, Harold F. CHANGES IN BIRD LIFE AT THE WESTERN END OF LAKE ERIE. *Am. Birds* 42(5):1259-1264. 1988. WR 213

89-004395 McFarland, David. THE COMPOSITION, MICROHABITAT USE AND RESPONSE TO FIRE OF THE AVIFAUNA OF SUBTROPICAL HEATHLANDS IN COOLOOLA NATIONAL PARK, QUEENSLAND. *Emu* 88(4):249-257. 1988. WR 213
[Queensland Natl. Parks & Wildl. Serv., P.O. Box 42, Kenmore, Qld. 4069, Australia]

89-004396 Medin, Dean E. BREEDING BIRDS OF AN ALPINE HABITAT IN THE SOUTHERN SNAKE RANGE, NEVADA. *West. Birds* 18(3):163-168. 1987. WR 213
[Intermountain Res. Stn., U.S. For. Serv., For. Sci. Lab., 316 E. Myrtle St., Boise, ID 83702]

89-004397 Melville, David S. REPORT ON BIRD RINGING IN HONG KONG IN 1987. *Hong Kong Bird Rep.* 1987:56-63. 1988. WR 213
[WWF Hong Kong, G.P.O. Box 12721, Hong Kong]

89-004398 Mills, Scott and Steve Carothers. BIRD POPULATIONS IN ARIZONA RESIDENTIAL DEVELOPMENTS. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 122-127. 1986. WR 213
[SWCA, Inc., Tucson, AZ]

89-004399 Moon, A. V., editor. BIRDS OF THE LONDON AREA, 1987, WITH ADDITIONS AND CORRECTIONS FOR PREVIOUS YEARS. A REPORT OF THE BIRD LIFE WITHIN TWENTY MILES OF ST. PAUL'S CATHEDRAL. *London Bird. Rep.* No. 52. p. 19-120. 1987. WR 213
[Chalk Dell House, London Rd., Rickmansworth, Herts WD3 1JP, England]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004400 Mossman, Michael J. BIRDS OF SOUTHERN WISCONSIN FLOODPLAIN FORESTS. *Passenger Pigeon* 50(4):321-337. 1988. WR 213
[Bur. Res., Dep. Nat. Resour., 3911 Fish Hatchery Rd., Madison, WI 53711]

89-004401 Muchoki, Charles Harrison Kariuki. LANDSCAPE ANALYSIS AND BREEDING BIRDS. *M.S. thesis, Carleton Univ. (Canada)* 1987. From Masters Abstr. Int. 26(4):399. 1988. WR 213

89-004402 Nebraska Ornithologists' Union. THE OFFICIAL LIST OF THE BIRDS OF NEBRASKA. *Nebr. Bird Rev*. 56(4):86-96. 1988. WR 213
[5109 Underwood Ave., Omaha, NE 68132]

89-004403 Neily, Larry E, compiler. SUMMER BIRD SIGHTINGS. *Trail Landscape* 23(1):26-29. 1989. WR 213

89-004404 Nores, Manuel and Dario Yzurieta. [NEW LOCALITIES FOR ARGENTINE BIRDS. PART VII.] *Hist. Nat.* 6(6):49-52. 1986. In Spanish with English summ. WR 213
[CONICET, Cent. Zool. Apl., Casilla Correo 122, 5000 Cordoba, Argentina]

89-004405 Olsen, Klaus Malling. [RARE BIRDS IN DENMARK AND GREENLAND IN 1986 AND 1987.] *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):81-100. 1988. In Danish with English summ. WR 213
[Mollegade 21, st.th., 2200 Copenhagen N, Denmark]

89-004406 Palmer, K. H., compiler. A SURVEY OF THE BREEDING BIRD SPECIES IN MAJOR LONDON WOODLANDS, 1985-87. *London Bird Rep.* No. 52. p. 142-171. 1987. WR 213
[55 Claredon Way, Chislehurst, Kent BR7 6RG, England]

89-004407 Pennington, M. G. THE BREEDING BIRDS OF NORTH RONALDSAY, ORKNEY. *Scott. Birds* 15(2):83-89. 1988. WR 213
[North Ronaldsay Bird Observ., Orkney KW17 2BE, Scotland]

89-004408 Plath, Lothar. [RESULTS OF ORNITHOLOGICAL SPRING EXPEDITIONS TO CAPE PITSUNDA ABKHAZ-ASSR, GEORGIAN USSR.] *Beitr. Vogelkd.* 32(4):219-231. 1986. In German. WR 213
[Rigaer Str 18, DDR-2520 Rostock 22, East Germany]

89-004409 Raivio, Suvi. THE PENINSULAR EFFECT AND HABITAT STRUCTURE: BIRD COMMUNITIES IN CONIFEROUS FORESTS OF THE HANKO PENINSULA, SOUTHERN FINLAND. *Ornis Fenn.* 65(4):129-149. 1988. In English with Finnish summ. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

89-004410 Raphael, Martin G. USE OF PACIFIC MADRONE BY CAVITY-NESTING BIRDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 198-202. 1987. WR 213
[Rocky Mountain For. & Range Exp. Stn., U.S. For. Serv., Fort Collins, CO]

89-004411 Raphael, Martin G.; Kenneth V. Rosenberg and Bruce G. Marcot. LARGE-SCALE CHANGES IN BIRD POPULATIONS OF DOUGLAS-FIR FORESTS, NORTHWESTERN CALIFORNIA. *Bird Conserv.* 3:63-83. 1988. WR 213
[U.S. For. Serv., Rocky Mountain For. & Range Exp. Stn., 222 S. 22nd St., Laramie, WY 82070-5299]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004412 Reinsch, Hans Heinrich and Kurt Heuer. [ORNITHOLOGICAL OBSERVATIONS IN THE ATLANTIC BETWEEN THE BAY OF BISCAY AND STRAIT OF MAGELLAN.] *Beitr. Vogelkd.* 32(3):175-185. 1986. In German. WR 213
[Inst. Seefischerei, Fischkai, D-2850 Bremerhaven 4, West Germany]

89-004413 Reynard, George B. SOME RARE BIRDS IN THE GREATER ANTILLES, LOST AND FOUND. *Gosse Bird Club Broadsheet* 51:8. 1988. WR 213

89-004414 Ringler, Robert F. THE SEASON: AUTUMN MIGRATION, AUGUST 1-NOVEMBER 30, 1987. *Md. Birdlife* 44(1):6-29. 1988. WR 213
[6272 Pinyon Pine Ct., Eldersburg, MD 21784]

89-004415 Ringler, Robert F. THE SEASON: WINTER SEASON, DECEMBER 1, 1987-FEBRUARY 29, 1988. *Md. Birdlife* 44(2):56-65. 1988. WR 213
[6272 Pinyon Pine Ct., Eldersburg, MD 21784]

89-004416 Roberson, Don. NINTH REPORT OF THE CALIFORNIA BIRD RECORDS COMMITTEE. *West. Birds* 17(2):49-77. 1986. WR 213
[282 Grove Acre Ave., Pacific Grove, CA 93950]

89-004417 Roberts, R. Chad. PRESERVING OAK WOODLAND BIRD SPECIES RICHNESS: SUGGESTED GUIDELINES FROM GEOGRAPHICAL ECOLOGY. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 190-197. 1987. WR 213
[Oscar Larson & Assoc., Eureka, CA]

89-004418 Rogers, Michael J. and the Rarities Committee. REPORT ON RARE BIRDS IN GREAT BRITAIN IN 1987. *Br. Birds* 81(11):535-596. 1988. WR 213
[Bag End, Churchtown, Towednack, Corwall TR26 3AZ, England]

89-004419 Root, Terry. ATLAS OF WINTERING NORTH AMERICAN BIRDS: AN ANALYSIS OF CHRISTMAS BIRD COUNT DATA. *Univ. Chicago Press* 312p. 1989. Available at $35.00 (paper) or $60.00 (cloth) from Univ. Chicago Press, 5801 S. Ellis Ave., Chicago, IL 60637. WR 213
[School Nat. Resour., Univ. Mich., Ann Arbor 48109-1115]

89-004420 Rosenberg, Gary H. and Scott B. Terrill. THE AVIFAUNA OF APACHE COUNTY, ARIZONA. *West. Birds* 17(4):171-187. 1986. WR 213
[Mus. Nat. Sci., La. State Univ., Baton Rouge 70803]

89-004421 Samenwerkende Organisaties Vogelonderzoek Nederland. [NEW ESTIMATES OF BREEDING BIRD NUMBERS IN THE NETHERLANDS.] *Limosa* 61(3/4):151-162. 1988. In Dutch with English summ. WR 213
[Postbus 81, 6573 ZH Beek, Netherlands]

89-004422 Schmidt, Klaus. [ORNITHOLOGICAL OBSERVATIONS IN THE GEORGIAN-SSR, USSR.] *Beitr. Vogelkd.* 32(4):208-218. 1986. In German. WR 213
[Liebensteiner Str. 118, PF 19-15, DDR-6204 Barchefeld, East Germany]

89-004423 Schubert, Peter. [SEVERAL NOTEWORTHY OBSERVATIONS ON THE CAUCASIAN BLACK SEA COASTS NEAR SOCHI, USSR.] *Beitr. Vogelkd.* 32(3):186-187. 1986. In German. WR 213
[Rotdornstr. 10, DDR-4501 Jeber-Bergfrieden, East Germany]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004424 Sellin, Dietrich. [ON THE DYNAMICS OF A SUMMER BIRD COMMUNITY DURING AN INVESTIGATION PERIOD OF 12 YEARS.] *Beitr. Vogelkd.* 34(2/3):157-176. 1988. In German with English summ. WR 213
[Dubnaring 1, Greifswald DDR-2200, East Germany]

89-004425 Sladen, Fred W. SOME NEW RECORDS AND OBSERVATIONS OF BIRDS IN THE VIRGIN ISLANDS. *Am. Birds* 42(5):1227-1231. 1988. WR 213
[P.O. Box 4106, Christiansted, St. Croix, VI 00822]

89-004426 Small, Mary F. and Malcolm L. Hunter, Jr. RESPONSE OF PASSERINES TO ABRUPT FOREST-RIVER AND FOREST-POWERLINE EDGES IN MAINE. *Wilson Bull.* 101(1):77-83. 1989. WR 213
[Normandeau Assoc., Inc., 25 Nashua Rd., Bedford, NH 03102]

89-004427 Smith, Kimberly G. and Daniel R. Petit. BREEDING BIRDS AND FORESTRY PRACTICES IN THE OZARKS: PAST, PRESENT, AND FUTURE RELATIONSHIPS. *Bird Conserv.* 3:23-49. 1988. WR 213
[Dep. Zool., Univ. Arkansas, Fayetteville 72701]

89-004428 Sodhi, Navjot S. OCCURRENCE OF BIRD NESTS ON JUMPING CHOLLA CACTI. *West. Birds* 18(4):219. 1987. WR 213
[Dep. Biol., Univ. Saskatchewan, Saskatoon, SN, Canada S7N 0W0]

89-004429 Sorensen, Soren. [RARE BIRDS IN THE FAEROE ISLANDS IN 1986 AND 1987.] *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):101-108. 1988. In Danish with English summ. WR 213
[Bratskovvej 5, 2720 Vanlose, Denmark]

89-004430 Stasz, Jim. REPORT OF THE STATE-WIDE BIRD COUNT, MAY 14, 1988. *Md. Birdlife* 44(2):41-55. 1988. WR 213
[P.O. Box 71, North Beach, MD 20714]

89-004431 Stevenson, Henry M. "CHECKLIST OF FLORIDA'S BIRDS": CORRIGENDA, ADDENDA, AND EMENDATIONS. *Fla. Field Nat.* 16(4):86. 1988. WR 213
[Tall Timbers Res. Stn., Rt. 1, Box 678, Tallahassee, FL 32312]

89-004432 Temple, Stanley A. and John R. Cary. MODELING DYNAMICS OF HABITAT-INTERIOR BIRD POPULATIONS IN FRAGMENTED LANDSCAPES. *Conserv. Biol.* 2(4):340-347. 1988. In English with Spanish summ. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706]

89-004433 van der Burg, Eugene; Ruud M. van Dongen; Gerald Driessens and Peter W. W. de Rouw. [RECENT OBSERVATIONS.] *Dutch Birding* 10(4):195-204. 1988. In Dutch. WR 213
[Vliestroom 147, 2401 VD Alphen aan den Rijn, Netherlands]

89-004434 Verner, Jared. PRELIMINARY RESULTS FROM A SYSTEM FOR MONITORING TRENDS IN BIRD POPULATIONS IN OAK-PINE WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 214-222. 1987. WR 213
[Pac. Southwest For. & Range Exp. Stn., U.S. For. Serv., Berkeley, CA]

89-004435 Vides-Almonacid, Roberto. [NOTES ON THE TROPHIC-SPACE NICHE PARTITION OF BIRDS IN HIGH ANDES LOCALITY OF CATAMARCA, ARGENTINA.] *Hist. Nat.* 6(4):33-40. 1986. In Spanish with English summ. WR 213
[Fund. Miguel Lillo, Miguel Lillo 205, 4000 San Miguel Tucuman, Argentina]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

89-004436 Vidic, Trevor F. BREEDING AND MIGRATORY BIRDS OF A TAMARACK FEN IN NORTHEASTERN OHIO. *Ohio J. Sci.* 89(2):44. 1989. Abstract only. WR 213
[Dep. Biol. Sci., Kent State Univ., Kent, OH 44242]

89-004437 Vokler, Frank. [THE AVIFAUNA OF THE SEWAGE DISPOSAL PLANT NEAR PERLEBERG, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):33-47. 1986. In German. WR 213
[Am Kamp 1, DDR-2560 Bad Doberan, East Germany]

89-004438 Volkert, William K. THE SPRING SEASON: 1988. *Passenger Pigeon* 50(4):343-356. 1988. WR 213
[Rt. 3, Box 35, Campbellsport, WI 53014]

89-004439 Waters, Jeffrey R. POPULATION AND HABITAT CHARACTERISTICS OF CAVITY-NESTING BIRDS IN A CALIFORNIA OAK WOODLAND. *M.S. thesis, Humboldt State Univ.* 1988. WR 213

89-004440 Willi, Peter. [LONG-TERM EVALUATION OF POPULATIONS IN THE RHINE DELTA, AUSTRIA.] *Egretta* 28(1/2):1-62. 1985. In German. WR 213
[Hiterlohstr. 2, CH-8590 Romanshorn, Switzerland]

BIRDS--MORPHOLOGY AND PHYSIOLOGY

89-004441 Butcher, Gregory S. and Sievert Rohwer. THE EVOLUTION OF CONSPICUOUS AND DISTINCTIVE COLORATION FOR COMMUNICATION IN BIRDS. *Curr. Ornithol.* 6:51-108. 1989. WR 213
[Cornell Lab. Ornithol., Ithaca, NY 14850]

89-004442 Castro, Gonzalo; Nina Stoyan and J. P. Myers. ASSIMILATION EFFICIENCY IN BIRDS: A FUNCTION OF TAXON OR FOOD TYPE? *Comp. Biochem. Physiol. A Comp. Physiol.* 92(3):271-278. 1989. WR 213
[Acad. Nat. Sci., 19th & Parkway, Philadelphia, PA 19103]

89-004443 Johnston, David W. A MORPHOLOGICAL ATLAS OF THE AVIAN UROPYGIAL GLAND. *Bull. Br. Mus. (Nat. Hist.) Zool. Ser.* 54(5):199-259. 1988. WR 213
[5219 Concordia St., Fairfax, VA 22032]

89-004444 Kummer, Johannes. [ON SPARSE AND DWARF EGGS.] *Beitr. Vogelkd.* 32(1):17-26. 1986. In German. WR 213
[Anton-Saefkon-Str. 8, DDR-3500 Stendal, East Germany]

89-004445 Meienberger, Christian. [EXISTENCE ENERGY IN RELATION TO BODY MASS - A CRITIQUE OF THE COMPUTATIONAL MODELS IN BIRDS.] *J. Ornithol.* 130(1):49-58. 1989. In German with English summ. WR 213
[Zool. Mus., Univ. Zurich-Irchel, Winterhurerstr. 190, CH-8057 Zurich, Switzerland]

89-004446 Nur, Nadav. THE COST OF REPRODUCTION IN BIRDS: AN EXAMINATION OF THE EVIDENCE. *Ardea* 76(2):155-168. 1988. In English with Dutch summ. WR 213
[Dep. Biostat., SC-32 Univ. Wash., Seattle 98195]

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

89-004447 Pokras, Mark A. ANATOMY OF THE HEADS OF BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:3-18. 1987. WR 213
[Tufts Univ. School Vet. Med., Wildl. Clinic, 200 Westboro Rd., North Grafton, MA 01536]

89-004448 Powell, Frank L. LUNG STRUCTURE AND FUNCTION: BIRDS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 237-258. 1989. WR 213
[Univ. Calif. San Diego, La Jolla]

89-004449 Rahn, Hermann and Charles V. Paganelli. SHELL MASS, THICKNESS AND DENSITY OF AVIAN EGGS DERIVED FROM THE TABLES OF SCHONWETTER. *J. Ornithol.* 130(1):59-68. 1989. In English with German summ. WR 213
[Dep. Physiol., Sherman Hall, SUNY, Buffalo, NY 14214]

89-004450 Rising, J. D. RESPONSE TO R. M. ZINK. *Auk* 106(1):160-163. 1989. WR 213
[Dep. Zool., Univ. Toronto, Toronto, ON, Canada M5S 1A1]

89-004451 Saarela, Seppo; Raimo Hissa; Ahti Pyornila; Riitta Harjula; Mikko Ojanen and Markku Orell. DO BIRDS POSSESS BROWN ADIPOSE TISSUE? *Comp. Biochem. Physiol. A Comp. Physiol.* 92(2):219-228. 1989. WR 213
[Dep. Zool., Univ. Oulu, SF-90570 Oulu, Finland]

89-004452 Stephenson, Richard and David R. Jones. DIVING PHYSIOLOGY: BIRDS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 735-786. 1989. WR 213
[Univ. British Columbia, Vancouver, BC, Canada]

89-004453 Warui, C. N. LIGHT MICROSCOPIC MORPHOMETRY OF THE KIDNEYS OF FOURTEEN AVIAN SPECIES. *J. Anat.* 162:19-31. 1989. WR 213
[Dep. Vet. Anat., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

89-004454 Zink, Robert M. THE STUDY OF GEOGRAPHIC VARIATION. *Auk* 106(1):157-160. 1989. WR 213
[Mus. Nat. Sci., La. State Univ., Baton Rouge 70803-3216]

BIRDS--BEHAVIOR

89-004455 Alvin, Norman A. STARLINGS ATTACKING SWIFTS IN FLIGHT. *Br. Birds* 82(3):118. 1989. WR 213
[1 Thackley View, Thackley, Bradford, West Yorkshire BD10 0RU, England] *Sturnus vulgaris* and *Apus apus*.

89-004456 Archibald, T. J. NOTES ON REDHEADED FINCHES BREEDING IN A CHESTNUT WEAVER COLONY. *Madoqua* 15(2):187-188. 1987. WR 213
[Etosha Ecol. Inst., P.O. Okaukuejo 9000, Namibia] *Amadina erythrocephala* and *Ploceus rubiginosus* in Namibia.

89-004457 Baker, Denise Lynne. RESPONSES OF BOBWHITES, EASTERN MEADOWLARKS, MOURNING DOVES, AND THEIR HABITAT TO TWO INTENSITIES OF CONTINUOUS GRAZING. *M.S. thesis, Tex. A&I Univ.* 55p. 1988. From Masters Abstr. Int. 27(1):68. 1989. Order No. MA1333310. WR 213
Colinus virginianus, *Sturnella magna*, and *Zenaida macroura* in Texas.

BIRDS--BEHAVIOR (CONTINUED)

89-004458 Beezley, John A. and John P. Rieger. LEAST BELL'S VIREO MANAGEMENT BY COWBIRD TRAPPING. *West. Birds* 18(1):55-61. 1987. WR 213
[6768 Solita Ave., San Diego, CA 92115] *Vireo bellii pusillus* and *Molothrus ater* in California.

89-004459 Bergman, G. INTER-RELATIONSHIPS BETWEEN DUCKS AND GULLS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 241-247. 1982. WR 213
[Zool. Mus. Univ., Norra Jarnvagsgatan 13, SF-00100 Helsinki 10, Finland]

89-004460 Brosset, Andre. [A MUTUALISTIC RELATIONSHIP BETWEEN THE LONG-TAILED FISCAL SHRIKE *LANIUS CABANISI* AND RED-BILLED BUFFALO WEAVERS *BUBALORNIS NIGER*.] *Rev. Ecol. Terre Vie* 44(1):103-106. 1989. In French with English summ. WR 213
[ECOTROP/CNRS, Lab. Ecol. Gen., 4 Ave. Petit-Chateau, F-91800, Brunoy, France]

89-004461 Cant, R. G. H. INTERACTION BETWEEN SPARROWHAWK AND MAGPIES. *Br. Birds* 82(3):116-117. 1989. WR 213
[1 High St., Great Eversden, Cambridge, England] *Accipiter nisus* and *Pica pica*.

89-004462 Crawford, Hewlette S. and Daniel T. Jennings. PREDATION BY BIRDS ON SPRUCE BUDWORM *CHORISTONEURA FUMIFERANA*: FUNCTIONAL, NUMERICAL, AND TOTAL RESPONSES. *Ecology* 70(1):152-163. 1989. WR 213
[Northeast. For. Exp. Stn., U.S. For. Ser., USDA Bldg., Univ. Maine, Orono 04469] Data for 25 species.

89-004463 Czechura, Gregory V. and Robin E. Czechura. INTERSPECIFIC CONFLICT AND AN UNUSUAL DISPLAY BY AN AUSTRALIAN HOBBY *FALCO LONGIPENNIS*. *Aust. Bird Watcher* 12(8):270-271. 1988. WR 213
[Queensland Mus., P.O. Box 300, South Brisbane, Qld. 4101, Australia] *Aquila audax* in Australia.

89-004464 Davies, N. B. and M. de L. Brooke. AN EXPERIMENTAL STUDY OF CO-EVOLUTION BETWEEN THE CUCKOO, *CUCULUS CANORUS*, AND ITS HOSTS. II. HOST EGG MARKINGS, CHICK DISCRIMINATION AND GENERAL DISCUSSION. *J. Anim. Ecol.* 58(1):225-236. 1989. WR 213
[Dep. Zool., Univ. Cambridge, Downing St., Cambridge CB2 3EJ, England] *Acrocephalus scirpaceus*, *Anthus pratensis*, *Prunella modularis*, and *Motacilla alba yarrellii*.

89-004465 Davies, N. B. and M. de L. Brooke. AN EXPERIMENTAL STUDY OF CO-EVOLUTION BETWEEN THE CUCKOO, *CUCULUS CANORUS*, AND ITS HOSTS. I. HOST EGG DISCRIMINATION. *J. Anim. Ecol.* 58(1):207-224. 1989. WR 213
[Dep. Zool., Univ. Cambridge, Downing St., Cambridge CB2 3EJ, England] *Acrocephalus scirpaceus*, *Anthus pratensis*, *Purnella modularis*, and *Motacilla alba yarrellii*.

89-004466 Ficken, Millicent Sigler. ARE MOBBING CALLS OF STELLER'S JAYS A "CONFUSION CHORUS"? *J. Field Ornithol.* 60(1):52-55. 1989. In English with Spanish summ. WR 213
[Dep. Biol. Sci. & Field Stn., Univ. Wis., Milwaukee 53201] *Cyanocitta stelleri* and *Accipiter cooperii*.

BIRDS--BEHAVIOR (CONTINUED)

89-004467 Gil-Delgado, J. A. and E. Barba. [BIRDS NESTING IN NATURAL HOLES IN ORANGE TREES.] *Mediterranea* No. 9. p. 29-40. 1987. In Spanish with English summ. WR 213
[Dep. Ecol., Univ. Valencia, Burjasot, Valencia, Spain] *Parus major* and *Jynx torquilla* in Spain.

89-004468 Groom, Martha J. CONSEQUENCES OF NESTING IN MIXED-SPECIES GROUPS IN FOUR SPECIES OF BEACH-NESTING BIRDS FROM SOUTHEASTERN PERU. *Colon. Waterbird Soc. Newsl.* 12(2):29. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Fla., Gainesville 32611] *Rynchops niger, Phaetusa simplex, Sterna superciliaris,* and *Chordeiles rupestris.*

89-004469 Hayes, Floyd E. and William S. Baker. LOGGERHEAD SHRIKE FEEDS ON A DEAD AMERICAN COOT. *West. Birds* 18(2):133-134. 1987. WR 213
[Minist. Agric. & Ganaderia, Inventario Biol. Nac., Casilla de Correo 3303, Asuncion, Paraguay] *Lanius ludovicianus* and *Fulica americana* in California.

89-004470 Higuchi, Hiroyoshi. RESPONSES OF THE BUSH WARBLER *CETTIA DIPHONE* TO ARTIFICIAL EGGS OF *CUCULUS* CUCKOOS IN JAPAN. *Ibis* 131(1):94-98. 1989. WR 213
[Res. Cent., Wild Bird Soc. Japan, Higashi 2-24-5, Shibuya-ku, Tokyo 150, Japan] *C. saturatus* and *C. poliocephalus.*

89-004471 Horne, Jennifer F. M. and Lester L. Short. AFROTROPICAL BIRD VOCALIZATIONS: A REVIEW OF CURRENT PROBLEMS. *Bioacoustics* 1(2/3):159-170. 1988. WR 213
[Natl. Mus. Kenya, P.O. Box 40658, Nairobi, Kenya]

89-004472 Hummel, Dietrich and Markus Beukenberg. [AERODYNAMIC INTERFERENCE EFFECTS IN FORMATION FLIGHT OF BIRDS.] *J. Ornithol.* 130(1):15-24. 1989. In German with English summ. WR 213
[Inst. Stromungsmechanik TU Braunschweig, Bienroder Weg 3, D-3300 Braunschweig, West Germany]

89-004473 Ingold, Danny J. WOODPECKER AND EUROPEAN STARLING COMPETITION FOR NEST SITES. *Sialia* 11(1):3-6. 1989. WR 213
[P.O. Drawer GY, Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762] *Melanerpes carolinus, M. erythrocephalus,* and *Sturnus vulgaris* in Mississippi.

89-004474 Kallander, Hans. STARLINGS *(STURNUS VULGARIS)* KLEPTOPARASITISING LAPWINGS *(VANELLUS VANELLUS)*. *Ecol. Birds* 10(1):113-114. 1988. In English with German summ. WR 213
[Dep. Ecol., Anim. Ecol., Univ. Lund, Ecol. Bldg., S-223 62 Lund, Sweden]

89-004475 Le Marechal, Pierre. [OBSERVATIONS OF BLACK KITES *MILVUS MIGRANS* FOLLOWING FISHING BOATS IN COMPANY WITH GULLS.] *Alauda* 56(3):270. 1988. In French. WR 213
[11 allee Acerma, 91190 Gif-sur-Yvette, France]

89-004476 Luoma, Del. THE BATTLE OF MOOSE LAKE. *Loon* 60(4):183-184. 1988. WR 213
[Thistledew Camp, Togo, MN 55788] *Haliaeetus leucocephalus* and *Ardea herodias* in Minnesota.

BIRDS--BEHAVIOR (CONTINUED)

89-004477 Morton, Eugene S. REINTRODUCTION AS A METHOD OF STUDYING BIRD BEHAVIOR AND ECOLOGY. *In: Restoration Ecology. William R. Jordan III, Michael E. Gilpin, and John D. Aber, editors.* p. 165-172. 1987. WR 213
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008]

89-004478 Osgood, Reginald Alan. REACTIONS OF GREY HERON ATTACKED BY KESTREL. *Br. Birds* 81(11):600. 1988. WR 213
[16 Nobes Ave., Bridgemary, Gosport, Hampshire, England]

89-004479 Radford, A. P. REPEATED AGGRESSION BY OYSTERCATCHER TOWARDS BAR-TAILED GODWIT. *Br. Birds* 82(1):27-28. 1989. WR 213
[Crossways Cottage, W. Bagborough, Taunton, Somerset TA4 3EG, England]

89-004480 Ramsey, M. W. DIFFERENCES IN POLLINATOR EFFECTIVENESS OF BIRDS AND INSECTS VISITING *BANKSIA MENZIESII* (PROTEACEAE). *Oecologia (Berl.)* 76(1):119-124. 1988. WR 213
[Biol. Sci., Murdoch Univ., Murdoch, W.A. 6150, Australia]

89-004481 Rapin, Pascal. [COMMON RAVENS, *CORVUS CORAX*, NESTING IN A TREE IN A HERON COLONY.] *Nos Oiseaux* 39(8):417. 1988. In French. WR 213
[Av. du Stade 33, CH-1530 Payerne, Switzerland] *Ardea cinerea* in France.

89-004482 Riley, Steve. LITTLE GREBE APPARENTLY IMPRINTED UPON FEMALE MALLARD. *Br. Birds* 82(3):116. 1989. WR 213
[25 Abbots Way, Farmby, Merseyside, England] *Tachybaptus ruficollis* and *Anas platyrhynchos* in England.

89-004483 Sasvari, L.; J. Torok and L. Toth. DENSITY DEPENDENT EFFECTS BETWEEN THREE COMPETITIVE BIRD SPECIES. *Oecologia (Berl.)* 72(1):127-130. 1987. WR 213
[Dep. Cent. Zool., Eotvos Univ., Puskin u. 3, 1088 Budapest, Hungary] *Parus major, P. caeruleus,* and *Ficedula albicollis* in Hungary.

89-004484 Sperling, Dietmar. [BLUE TIT *(PARUS CAERULEUS)* BROOD IN NEST OF PENDULINE TIT *(REMIZ PENDULINUS)*.] *Beitr. Vogelkd.* 32(1):63. 1986. In German. WR 213
[Albert-Einstein-Str. 71, DDR-8600 Bautzen, East Germany]

89-004485 Waldvogel, Jerry A. OLFACTORY ORIENTATION BY BIRDS. *Curr. Ornithol.* 6:269-321. 1989. WR 213
[Sect. Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14853]

89-004486 Warnock, Nils. PIRACY BY RING-BILLED GULLS ON DUNLIN. *Wilson Bull.* 101(1):96-97. 1989. WR 213
[4990 Shoreline Hwy., Stinson Beach, CA 94970] *Larus delawarensis, Pluvialis squatarola,* and *Calidris alpina.*

89-004487 Yalden, P. E. and D. W. Yalden. PLOVER'S PAGE OR PLOVER'S PARASITE? AGGRESSIVE BEHAVIOUR OF GOLDEN PLOVER TOWARD DUNLIN. *Ornis Fenn.* 65(4):169-171. 1988. In English with Finnish summ. WR 213
[Dep. Environ. Biol., The University, Manchester M19 3PL, England] *Calidris alpina* in England.

BIRDS--MIGRATION AND BANDING REPORTS

89-004488 Hook, J. D., compiler. RINGING REPORT FOR 1987. *London Bird Rep.* No. 52. p. 195-199. 1987. WR 213
[7 Lorraine Ct., 53 The Avenue, Beckenham, Kent BR3 2EQ, England]

89-004489 Johnston-Stewart, N. and D. B. Hanmer. ALTITUDINAL MIGRANTS. *Nyala* 12(1/2):77-80. 1988. WR 213
[Esperanza Tea Estate, P.O. Box 16, Mulanje, Malawi]

89-004490 Kerlinger, Paul and Frank R. Moore. ATMOSPHERIC STRUCTURE AND AVIAN MIGRATION. *Curr. Ornithol.* 6:109-142. 1989. WR 213
[Cape May Bird Observ., Cape May Point, NJ 08212]

89-004491 Lee, David S. and Kenneth O. Horner. MOVEMENTS OF LAND-BASED BIRDS OFF THE CAROLINA COAST. *Brimleyana* No. 15. p. 111-121. 1989. WR 213
[N.C. State Mus. Nat. Sci., P.O. Box 27647, Raleigh 27611]

89-004492 Mead, C. J. and J. A. Clark, compilers. REPORT ON BIRD RINGING IN BRITAIN AND IRELAND FOR 1987. *Ringing Migr.* 9(3):169-186. 1988. WR 213
[British Trust Ornithol., Tring, Hertfordshire HP23 5NR, England]

89-004493 Reel, Susan. VIEW FROM A MIST NET: AN INTRODUCTION TO BIRD BANDING. *West. Wildlands* 14(4):30-33. 1989. WR 213

89-004494 Sauer, John R. and Byron K. Williams. GENERALIZED PROCEDURES FOR TESTING HYPOTHESES ABOUT SURVIVAL OR RECOVERY RATES. *J. Wildl. Manage.* 53(1):137-142. 1989. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-004495 Saurola, Pertti. BIRD RINGING IN FINLAND: STATUS AND GUIDE-LINES. *Ring Int. Ornithol. Bull.* 12(134-135):1-13. 1988. WR 213
[Ringing Cent., Zool. Mus., P. Rautatiekatu 13, 00100 Helsinki 10, Finland]

BIRDS--MORTALITY AND SURVIVAL

89-004496 Hanmer, D. B. and C. O. Dudley. COMMENT ON BIRDS IN SPIDER WEBS. *Nyala* 12(1/2):84-85. 1988. WR 213
[SUCOMA, P/Bag 50, Blantyre, Malawi]

89-004497 Hoerschelmann, Heinrich; Andreas Haack and Frank Wohlgemuth. [BIRD CASUALTIES AND BIRD BEHAVIOUR AT A 380-kV-POWER LINE.] *Ecol. Birds* 10(1):85-103. 1988. In German with English summ. WR 213
[Zool. Inst. & Zool. Mus., Martin-Luther-King-Platz 3, D-2000 Hamburg 13, West Germany]

89-004498 Larkin, Ronald P. WHY ARE MIGRATING BIRDS KILLED AT TALL STRUCTURES? *Ill. Audubon* No. 226. p. 20-21. 1988. WR 213
[Nat. Hist. Surv., 607 E. Peabody, Champaign, IL 61820]

BIRDS--PESTICIDES AND POLLUTION

89-004499 Albers, Harold F. MANAGEMENT TECHNIQUES FOR OIL-SOAKED BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:102-110. 1982. WR 213
[Northeast Anim. Hospital, 1401 4th St. North, St. Petersburg, FL 33704]

89-004500 Anker-Nilssen, Tycho; Peter Hope Jones and Ole Wiggo Rostad. AGE, SEX AND ORIGINS OF AUKS (ALCIDAE) KILLED IN THE SKAGERRAK OILING INCIDENT OF JANUARY 1981. *Seabird* 11:28-46. 1988. WR 213
[Norwegian Inst. Nat. Res., Tungasletta 2, N-7004 Trondheim, Norway] *Uria aalge, Alle alle,* and *Alca torda.*

89-004501 Asbirk, Sten. [THE BREEDING POPULATION OF THE BLACK GUILLEMOT *CEPPHUS GRYLLE* IN DENMARK 1978-87.] *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):131-133. 1988. In Danish with English summ. WR 213
[Skov- & Naturstyrelsen, Slotsmarken 13, 2970 Horsholm, Denmark]

89-004502 Blus, Lawrence J.; Richard K. Stroud; Barry Reiswig and Terry McEneaney. LEAD POISONING AND OTHER MORTALITY FACTORS IN TRUMPETER SWANS. *Environ. Toxicol. Chem.* 8(3):263-271. 1989. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Corvallis, OR 97333]

89-004503 Boardman, Constance Jean. ORGANOCHLORINE PESTICIDES IN CALIFORNIA LEAST TERNS *(STERNA ANTILLARUM BROWNI). M.S. thesis, Calif. State Univ. (Long Beach)* 32p. 1988. From Masters Abstr. Int. 27(1):71. 1989. Order No. MA1333800. WR 213

89-004504 Burger, Joanna and Michael Gochfeld. METALS IN TERN EGGS IN A NEW JERSEY ESTUARY: A DECADE OF CHANGE. *Environ. Monit. Assess.* 11(2):127-135. 1988/1989. WR 213
[Dep. Biol. Sci. & Environ. & Occupational Health Sci. Inst., Rutgers Univ., Piscataway, NJ 08855] *Sterna hirundo.*

89-004505 Dobrowolski, K. A.; K. Dmowski; M. A. Karolewski and A. S. Mikoszewski. ECOLOGICAL CONSEQUENCES OF WETLAND CONTAMINATION. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 253-259. 1982. WR 213
[Inst. Zool., Univ. Warsaw, Krakowskie Przedmiescie 26/28, 00-927/1 Warsaw 64, Poland]

89-004506 Dubock, A. C. THE EVALUATION OF POTENTIAL EFFECTS ON NON-TARGET VERTEBRATE POPULATIONS AS A RESULT OF PESTICIDE USE. *In: Proceedings of the Second Symposium on Recent Advances in Rodent Control. A. H. Helmy Mohammad, T. M. Zaghloul, A. M. Salit and M. Zakaria, editors.* p. 257-270. 1986. WR 213
[ICI Plant Protection Div., Fernhurst, Haslemere, Surrey, England] *Tyto alba* and *Otus asio.*

89-004507 Dyck, Jan; Inge Kraul and Philippe Grandjean. [ENVIRONMENTAL POLLUTANTS IN AND EGGSHELL THINNING OF REMNANTS OF DANISH WHITE-TAILED EAGLE EGGS.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):53-55. 1988. In Danish with English summ. WR 213
[Inst. Popul. Biol., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark] *Haliaeetus albicilla.*

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

89-004508 Ellis, D. H.; L. R. DeWeese; T. G. Grubb; L. F. Kiff; D. G. Smith; W. M. Jarman and D. B. Peakall. PESTICIDE RESIDUES IN ARIZONA PEREGRINE FALCON EGGS AND PREY. *Bull. Environ. Contam. Toxicol.* 42(1):57-64. 1989. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Falco peregrinus.*

89-004509 Evans, Richard H. LEAD TOXICOSIS IN RAPTORIAL BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:56-67. 1982. WR 213
[TreeHouse Wildl. Cent., Inc., RR #1, Box 125E, Brighton, IL 62012]

89-004510 Fairbrother, Anne; Richard S. Bennett and Jewel K. Bennett. SEQUENTIAL SAMPLING OF PLASMA CHOLINESTERASE IN MALLARDS (*ANAS PLATYRHYNCHOS*) AS AN INDICATOR OF EXPOSURE TO CHOLINESTERASE INHIBITORS. *Environ. Toxicol. Chem.* 8(2):117-122. 1989. WR 213
[Environ. Res. Lab., U.S. Environ. Protection Agency, Corvallis, OR 97333]

89-004511 Fitzner, Richard E.; Lawrence J. Blus; Charles J. Henny and David W. Carlile. ORGANOCHLORINE RESIDUES IN GREAT BLUE HERONS FROM THE NORTHWESTERN UNITED STATES. *Colon. Waterbirds* 11(2):293-300. 1988. WR 213
[Battelle Northwest, Pac. Northwest Lab., P.O. Box 999, Richland, WA 99352] *Ardea herodias.*

89-004512 Fossi, Cristina; Claudio Leonzio; Silvano Focardi and Aristeo Renzoni. THE BLACK-HEADED GULL'S ADAPTATION TO POLLUTED ENVIRONMENTS: THE ROLE OF THE MIXED-FUNCTION OXIDASE DETOXICATION SYSTEM. *Environ. Conserv.* 15(3):221-224. 1988. WR 213
[Dip. Biol. Ambientale, Univ. Siena, Via delle Cerchia 3, 53100 Siena, Italy] *Larus ridibundus* and *L. cachinnans* in Italy.

89-004513 Fry, D. Michael and Leslie A. Addiego. STRESS AND OIL-INDUCED CHANGES IN SERUM PROTEINS OF COMMON MURRES. *Colon. Waterbird Soc. Newsl.* 12(2):28. 1988. Abstract only. WR 213
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Uria aalge* in California.

89-004514 Goede, A. A.; T. Nygard; M. De Bruin and E. Steinnes. SELENIUM, MERCURY, ARSENIC AND CADMIUM IN THE LIFECYCLE OF THE DUNLIN, *CALIDRIS ALPINA*, A MIGRANT WADER. *Sci. Total Environ.* 78:205-218. 1989. WR 213
[Delft Tech. Univ., Interfac. Reactor Inst., Mekelweg 15, 2629 JB Delft, Netherlands]

89-004515 Henny, Charles J. and Gary B. Herron. WHITE-FACED IBIS DDE-RELATED REPRODUCTIVE PROBLEMS CONTINUE AT CARSON LAKE, NEVADA. *Colon. Waterbird Soc. Newsl.* 12(2):30. 1988. Abstract only. WR 213
[Pac. N.W. Field Stn., 480 S.W. Airport Rd., Corvallis, OR 97333] *Plegadis chihi.*

89-004516 Hill, Brian. GREY HERON INGESTING JUNK. *Br. Birds* 81(11):599. 1988. WR 213
[54 Eliotts Dr., Yeovil, Somerset BA21 3NW, England]

89-004517 Hudec, Karel; Frantisek Kredl; Jitka Pellantova; Jan Svobodnik and Rut Svobodova. RESIDUES OF CHLORINATED PESTICIDES, PCB AND HEAVY METALS IN THE EGGS OF WATER BIRDS IN SOUTHERN MORAVIA. *Folia*

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

89-004517 CONTINUED *Zool*. 37(2):157-166. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia] *Podiceps cristatus, Anser anser, Anas platyrhynchos, Fulica atra,* and *Larus ridibundus* in Czechoslovakia.

89-004518 Jenssen, Bjorn Munro. EFFECTS OF INGESTED CRUDE AND DISPERSED CRUDE OIL ON THERMOREGULATION IN DUCKS (*ANAS PLATYRHYNCHOS*). *Environ. Res.* 48(1):49-56. 1989. WR 213
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway]

89-004519 Leighton, Frederick A. SOME OBSERVATIONS OF DISEASES OCCURRING IN SASKATCHEWAN WILDLIFE. *Blue Jay* 46(3):121-125. 1988. WR 213
[Dep. Vet. Pathol., West. Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, SN, Canada S7N 0W0] *Passer domesticus, Branta canadensis, Anser rossi, A. albifrons, A. caerulescens, Larus argentatus, L. californicus,* and *Ardea herodias.*

89-004520 Leonzio, Claudio; Marco Lambertini; Alberto Massi; Silvano Focardi and Cristina Fossi. AN ASSESSMENT OF POLLUTANTS IN EGGS OF AUDOUIN'S GULL (*LARUS AUDOUINII*), A RARE SPECIES OF THE MEDITERRANEAN SEA. *Sci. Total Environ.* 78:13-22. 1988. WR 213
[Dip. Biol. Ambientale, Via delle Cerchia 3, Univ. degli Studi Siena, 53100 Siena, Italy]

89-004521 Lock, Anthony R. THE REPRODUCTION OF FOOD-STRESSED GULLS ON SABLE ISLAND, NOVA SCOTIA. *Colon. Waterbird Soc. Newsl.* 12(2):32. 1988. Abstract only. WR 213
[Canadian Wildl. Serv., Bedford Inst. Oceanogr., P.O. Box 1006, Dartmouth, NS, Canada B2Y 4A2] *Larus argentatus* and *L. marinus.*

89-004522 Ludwig, James P. and Hiroko Kurita. DESCRIPTION AND RATES OF OCCURRENCE OF TERATOGENIC CONDITIONS IN DOUBLE-CRESTED CORMORANT (*PHALACROCORAX AURITUS*) AND CASPIAN TERN (*STERNA CASPIA*) EMBRYOS FROM COLONIES OF THE GREAT LAKES: SUMMARY OF 1987-88 FIELD OBSERVATIONS. *Colon. Waterbird Soc. Newsl.* 12(2):32. 1988. Abstract only. WR 213
[Ecol. Res. Serv., Inc., 512 N. Lincoln, Bay City, MI 48708]

89-004523 Nipkow, Markus. [CHLORORGANIC RESIDUES IN CLUTCHES OF THE STONE CURLEW (*BURHINUS OEDICNEMUS*) FROM THE ALSACE (FRANCE).] *J. Ornithol.* 130(1):79-82. 1989. In German with English summ. WR 213
[Hinterkirchstr. 11, D-7800 Freiburg, West Germany]

89-004524 Norman, Donald; George Cobb; Ronald Kendall and Don Kane. POLLUTION MONITORING IN PUGET SOUND UTILIZING GREAT BLUE HERONS. *Colon. Waterbird Soc. Newsl.* 12(2):44. 1988. Abstract only. WR 213
[Inst. Wildl. Toxicol., West. Wash. Univ., Bellingham 98225] *Ardea herodias fannini.*

89-004525 Ohlendorf, Harry M. and Katherine C. Marois. HIGH ORGANOCHLORINE AND SELENIUM LEVELS IN CALIFORNIA HERON AND EGRET EGGS. *Colon. Waterbird Soc. Newsl.* 12(2):34. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., c/o Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Egretta alba* and *Nycticorax nycticorax.*

89-004526 Pain, Deborah J. LEAD POISONING IN WATERBIRDS: THE AMERICAN VERSUS THE EUROPEAN SITUATION. *Colon. Waterbird Soc. Newsl.* 12(2):35. 1988. Abstract only. WR 213
[Stn. Biol., Tour Valat, Le Sambuc, 13200 Arles, France]

89-004527 Peakall, David B. TOXICOLOGY. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 321-329. 1987. WR 213
[Toxicol. Res. Div., Natl. Wildl. Res. Cent., Canadian Wildl. Serv., Ottawa, ON, Canada K1A 0E7]

89-004528 Prasada Rao, P. V. V.; S. A. Jordan and M. K. Bhatnagar. ULTRASTRUCTURE OF KIDNEY OF DUCKS EXPOSED TO METHYLMERCURY, LEAD AND CADMIUM IN COMBINATION. *J. Environ. Pathol. Toxicol. Oncol.* 9(1):19-44. 1989. WR 213
[Dep. Anat., Coll. Med., Univ. Ibadan, Ibadan, Nigeria]

89-004529 Roscoe, Douglas E.; Lee Widjeskog and William Stansley. LEAD POISONING OF NORTHERN PINTAIL DUCKS FEEDING IN A TIDAL MEADOW CONTAMINATED WITH SHOT FROM A TRAP AND SKEET RANGE. *Bull. Environ. Contam. Toxicol.* 42(2):226-233. 1989. WR 213
[Div. Fish, Game & Wildl., CN400, Trenton, NJ 08625] *Anas acuta* in New Jersey.

89-004530 Scharenberg, Wolfgang. [HEAVY METALS IN TISSUE AND FEATHERS OF GREY HERONS (*ARDEA CINEREA*) AND CORMORANTS (*PHALACROCORAX CARBO SINENSIS*).] *J. Ornithol.* 130(1):25-33. 1989. In German with English summ. WR 213
[Staatliche Vogelschutzwarte, Olshausenstr. 40/60, D-2300 Kiel, West Germany]

89-004531 Schwab, Don, Sr. and Thomas M. Padgett. LEAD POISONING IN A FREE RANGING PEKIN DUCK (*ANAS PLATYRHYNCHOS*) FROM CHESAPEAKE, VIRGINIA. *Va. J. Sci.* 39(4):412-413. 1988. WR 213
[Dep. Game & Inland Fish., P.O. Box 847, Suffolk, VA 23434]

89-004532 Sievert, Paul R. and Louis Sileo. THE EFFECT OF PLASTIC INGESTION ON GROWTH AND SURVIVAL OF ALBATROSS CHICKS. *Colon. Waterbird Soc. Newsl.* 12(2):38. 1988. Abstract only. WR 213
[Natl. Wildl. Health Res. Cent., U.S. Fish & Wildl. Serv., 6006 Schroeder Rd., Madison, WI 53711]

89-004533 Smit, T. and H. J. Over. [MEASURES WHICH CAN LEAD TO A DECREASE OF LEAD SHOT INTOXICATION.] *Limosa* 61(3/4):187-188. 1988. In Dutch with English summ. WR 213
[Cent. Diergeneeskundig Inst., Postbus 65, 8200 AB Lelystad, Netherlands]

89-004534 Smit, T.; C. G. van Lieshout; G. J. de Graaf; H. van Beek and L. G. Moraal. [INFLUENCE OF THE CONSUMPTION OF LEAD SHOT ON THE HEALTH OF BIRDS.] *Limosa* 61(3/4):179-182. 1988. In Dutch with English summ. WR 213
[Cent. Diergeneeskundig Inst., Postbus 65, 8200 AB Lelystad, Netherlands] *Anser anser*.

89-004535 Smit, T.; T. Bakhuizen and L. G. Moraal. [METALLIC LEAD AS A SOURCE OF LEAD INTOXICATION IN THE NETHERLANDS.] *Limosa* 61(3/4):175-178. 1988. In Dutch with English summ. WR 213
[Cent. Diergeneeskundig Inst., Postbus 65, 8200 AB Lelystad, Netherlands]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

89-004536 Smit, T.; T. Bakhuizen; C. P. H. Gaasenbeek and L. G. Moraal. [OCCURRENCE OF LEAD PELLETS AROUND DUCK BLINDS AND AT CLAY PIGEON GROUNDS.] *Limosa* 61(3/4):183-186. 1988. In Dutch with English summ. WR 213
[Cent. Diergeneeskundig Inst., Postbus 65, 8200 AB Lelystad, Netherlands]

89-004537 Snedden, W. Andy and D. V. Weseloh. BREEDING SUCCESS OF CASPIAN TERNS ON LAKE HURON AT A TIME OF HIGH CONTAMINANT LEVELS: A RETROSPECTIVE ANALYSIS. *Colon. Waterbird Soc. Newsl.* 12(2):38. 1988. Abstract only. WR 213
[Canadian Wildl. Serv., Box 5050, Burlington, ON, Canada L7R 4A6] *Hydroprogne caspia.*

89-004538 Speich, Steven M. and Steven P. Thompson. IMPACTS ON WATERBIRDS FROM THE 1984 COLUMBIA RIVER AND WHIDBEY ISLAND, WASHINGTON, OIL SPILLS. *West. Birds* 18(2):109-116. 1987. WR 213
[4817 Sucia Dr., Ferndale, WA 98248]

89-004539 Stone, Ward B. and Joseph C. Okoniewski. DIAGNOSIS OF SOME COMMON POISONINGS IN WILD BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:165-180. 1988. WR 213
[N.Y. State Dep. Environ. Conserv., Wildl. Pathol. Unit, Wildl. Resour. Cent., Delmar 12054]

89-004540 Temple, Stanley A. CAN BIRDS BE INDICATORS OF ENVIRONMENTAL HAZARDS? *Passenger Pigeon* 50(4):311-313. 1988. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706]

89-004541 Thomas, G. J. LEAD POISONING IN WATERFOWL. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 260-268. 1982. WR 213
[RSPB, The Lodge, Sandy, Beds. SG19 2DL, England]

89-004542 van Franeker, Jan A. and Phil J. Bell. PLASTIC INGESTION BY PETRELS BREEDING IN ANTARCTICA. *Mar. Pollut. Bull.* 19(12):672-674. 1988. WR 213
[Res. Inst. Nat. Manage., P.O. Box 59, 1790 AB Den Burg, Texel, Netherlands] *Fulmarus glacialoides, Daption capense, Pagodroma nivea, Thalassoica antarctica,* and *Oceanites oceanicus.*

BIRDS--PARASITES AND DISEASES

89-004543 Beer, J. V. DISEASES OF GAMEBIRDS AND WILDFOWL. *Game Conserv. Trust* 112p. 1988. Available at £6.50 from Public Relations Dep., Game Conserv., Fordingbridge, Hampshire SP6 1EF, England. WR 213
[Fordingbridge, Hampshire SP6 1EF, England]

89-004544 Bennett, G. F. and M. A. Peirce. MORPHOLOGICAL FORM IN THE AVIAN HAEMOPROTEIDAE AND AN ANNOTATED CHECKLIST OF THE GENUS *HAEMOPROTEUS* KRUSE, 1890. *J. Nat. Hist.* 22(6):1683-1696. 1988. WR 213
[Dep. Biol. & Int. Ref. Cent. Avian Haematozoa, Memorial Univ. Newfoundland St. John's, NF, Canada A1B 3X9]

89-004545 Brand, Christopher J.; Ronald M. Windingstad; Lynne M. Siegfried; Ruth M. Duncan and Robert M. Cook. AVIAN MORBIDITY AND MORTALITY FROM BOTULISM, ASPERGILLOSIS, AND SALMONELLOSIS AT JAMAICA BAY WILDLIFE

BIRDS--PARASITES AND DISEASES (CONTINUED)

89-004545 CONTINUED REFUGE, NEW YORK, USA. *Colon. Waterbirds* 11(2):284-292. 1988. WR 213
[Natl. Wildl. Health Cent., U.S. Fish & Wildl. Serv., 6006 Schroeder Rd., Madison, WI 53711]

89-004546 Evans, Richard H. DISEASES AND INJURIES OF THE HEADS OF BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:25-38. 1987. WR 213
[Pac. Wildl. Project, P.O. Box 7673, Laguna Niguel, CA 92701]

89-004547 Porter, Stuart L. AVIAN EYE DISEASES AND INJURIES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:19-24. 1987. WR 213
[Wildl. Cent., P.O. Box 98, Weyers Cave, VA 24486]

89-004548 Porter, Stuart L. AVIAN HEMATOLOGY FOR THE WILDLIFE REHABILITATOR. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:87-96. 1986. WR 213
[Wildl. Cent., P.O. Box 98, Weyers Cave, VA 24486]

89-004549 Rich, Gregory A. GIARDIA INFECTIONS IN BIRDS. *Bird World* 11(5):68. 1989. WR 213

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

89-004550 Beklova, Miroslava. PROGNOSIS OF THE DEGREE OF DANGER REPRESENTED TO CZECHOSLOVAK AIRPORT TRAFFIC BY BIRDS. *Folia Zool.* 37(2):145-155. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-004551 Carpenter, Thomas W. and Arthur L. Carpenter. NORTHERN CARDINAL HEAD ATTACHED TO THE TOE OF A SHARP-SHINNED HAWK. *J. Raptor Res.* 21(4):160. 1987. WR 213
[3646 S. John Hix, Wayne, MI 48184] *Accipiter striatus* and *Cardinalis cardinalis* in Michigan.

89-004552 Chalmers, M. L. BLACK KITE *MILVUS MIGRANS* TAKES BLACK-FACED LAUGHING THRUSH *GARRULAX PERSPICILLATUS*. *Hong Kong Bird Rep.* 1987:103. 1988. WR 213
[Hong Kong Bird Watching Soc., G.P.O. Box 12460, Hong Kong]

89-004553 Ciani, Carlo. [PREDATION ON SWIFT, *APUS APUS*, BY THE LITTLE OWL, *ATHENE NOCTUA*.] *Riv. Ital. Ornitol.* 58(1-2):87-88. 1988. In Italian. WR 213
[Mus Ornitol. "F. Foschi", Via Pedriali 12, 47100 Forli, Italy]

89-004554 Clarke, Roger. EARLY REED WARBLER IN HEN HARRIER PELLET. *Br. Birds* 82(1):31. 1989. WR 213
[New Hythe House, Reach, Cambridge CB5 0JQ, England] *Acrocephalus scirpaceus* and *Circus cyaneus* in England.

89-004555 Dean, Tim. SKYLARK IN CONTINUOUS SONG WHILST BEING ATTACKED BY MERLIN. *Br. Birds* 82(1):31. 1989. WR 213
[Coastguard Cottages, S. Walney Nat. Res. Walney Island, Barrow-in-Furness, Cumbria LA14 3YQ, England] *Alauda arvensis* and *Falco columbarius* in England.

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

89-004556 DiPietro, Joseph. GREAT HORNED OWL PREYS ON PURPLE MARTIN COLONY. *Md. Birdlife* 44(2):40. 1988. WR 213
[1512 Miller Rd., Westminster, MD 21157] *Bubo virginianus* and *Progne subis* in Maryland.

89-004557 Drennan, Matthew P. and David C. Folger. CHANGES IN NESTING POPULATIONS OF SEABIRDS AFTER FIVE YEARS OF GULL MANAGEMENT AT PETIT MANAN NATIONAL WILDLIFE REFUGE, MAINE. *Colon. Waterbird Soc. Newsl.* 12(2):42. 1988. Abstract only. WR 213
[P.O. Box 162, Hulls Cove, MA 04644]

89-004558 Kress, Stephen W. OVERVIEW OF GULL IMPACT ON ATLANTIC COAST WATERBIRDS. *Colon. Waterbird Soc. Newsl.* 12(2):31. 1988. Abstract only. WR 213
[Res. Dep., Natl. Audubon Soc., Ithaca, NY 14850] *Larus marinus* and *L. argentatus.*

89-004559 Madsen, Jesper. [GOSHAWK *ACCIPITER GENTILIS* HARRASSING AND KILLING BRENT GEESE *BRANTA BERNICLA*.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):57-58. 1988. In Danish with English summ. WR 213
[Vildtbiol. Stn., Kalo, DK-8410 Ronde, Denmark]

89-004560 Meese, Robert J. and Mark R. Fuller. DISTRIBUTION AND BEHAVIOUR OF PASSERINES AROUND PEREGRINE *FALCO PEREGRINUS* EYRIES IN WESTERN GREENLAND. *Ibis* 131(1):27-32. 1989. WR 213
[Div. Environ. Studies, Univ. Calif., Davis 95616]

89-004561 Sandig, Hans. [HERRING GULL (*LARUS ARGENTATUS*) PLUNDERING BANK SWALLOW (*RIPARIA RIPARIA*) COLONY.] *Beitr. Vogelkd.* 32(1):64. 1986. In German. WR 213
[Otto-Schmiedt-Str. 20, DDR-7033 Leipzig, East Germany]

89-004562 Shackford, John S. MERLIN PREYS ON SAVANNAH SPARROW. *Bull. Okla. Ornithol. Soc.* 21(4):31. 1988. WR 213
[6008-A Northwest Expressway, Oklahoma City, OK 73132] *Falco columbarius* and *Passerculus sandwichensis.*

89-004563 West, Steve. GREAT HORNED OWL PREDATION ON CAVE SWALLOWS. *West. Birds* 18(2):125. 1987. WR 213
[Box 2489, Carlsbad, NM 88220] *Bubo virginianus* and *Petrochelidon fulva* in New Mexico.

GROUSE AND PTARMIGAN

89-004564 Ellis, Kevin L.; Joseph R. Murphy and Gary H. Richins. DISTRIBUTION OF BREEDING MALE SAGE GROUSE IN NORTHEASTERN UTAH. *West. Birds* 18(2):117-121. 1987. WR 213
[Div. Wildl., 151 E. 16th St., Durango, CO 81301] *Centrocercus urophasianus.*

89-004565 Gao Wei; Xiang Guiquan; Zhang Fengling; Song Yujun and Gao Zhongxin. [ON THE BREEDING HABIT OF BLACK-BILLED CAPERCAILLIE.] *Acta Zool. Sin.* 34(2):194-195. 1988. In Chinese. WR 213

GROUSE AND PTARMIGAN (CONTINUED)

89-004565 CONTINUED
[Dep. Biol, Northeast. Normal Univ., Changchun, China] *Tetrao parvirostris parvirostris* in China.

89-004566 Gratson, Michael W. INTRASPECIFIC NEST PARASITISM BY SHARP-TAILED GROUSE. *Wilson Bull.* 101(1):126-127. 1989. WR 213
[Box 454, Mackay, ID 83251] *Tympanuchus phasianellus* in Canada.

89-004567 Hudson, Peter J.; John Renton and Graeme Dalby. RED GROUSE HOMING FOR 35 KILOMETRES. *Scott. Birds* 15(2):90-91. 1988. WR 213
[Scottish Grouse Res. Project, Game Conserv., Newtonmore, Inverness-shire PH20 1BE, Scotland] *Lagopus lagopus scoticus* in Scotland.

89-004568 McKee, Russell. DANCING IN THE DAWN. SHARP-TAILED GROUSE AND THEIR BIZARRE DANCE OF SPRING. *Birder's World* 3(2):10-14. 1989. WR 213
Tynpamuchus phasianellus in North America.

89-004569 Parr, Raymond and Adam Watson. HABITAT PREFERENCES OF BLACK GROUSE ON MOORLAND-DOMINATED GROUND IN NORTH-EAST SCOTLAND. *Ardea* 76(2):175-180. 1988. In English with Dutch summ. WR 213
[Inst. Terrestrial Ecol., Banchory AB3 4BY, Scotland] *Tetrao tetrix*.

89-004570 Pekins, Peter Jeffrey. WINTER ECOLOGICAL ENERGETICS OF BLUE GROUSE. *Ph.D. dissertation, Utah State Univ.* 157p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3531. 1989. Order No. DA8823651. WR 213
Dendragapus obscurus.

89-004571 Rolstad, Jorund and Per Wegge. EFFECTS OF LOGGING ON CAPERCAILLIE (*TETRAO UROGALLUS*) LEKS. III. EXTINCTION AND RECOLONIZATION OF LEK POPULATIONS IN RELATION TO CLEARFELLING AND FRAGMENTATION OF OLD FOREST. *Scand. J. For. Res.* 4(1):129-135. 1989. WR 213
[Agric. Univ. Norway, Dep. Nat. Conserv., P.O. Box 39, N-1432 As-NLH, Norway]

89-004572 Rolstad, Jorund. EFFECTS OF LOGGING ON CAPERCAILLIE (*TETRAO UROGALLUS*) LEKS. I. CUTTING EXPERIMENTS IN SOUTHCENTRAL NORWAY. *Scand. J. For. Res.* 4(1):99-109. 1989. WR 213
[Agric. Univ. Norway, Dep. Nat. Conserv., P.O. Box 39, N-1432 As-NLH, Norway]

89-004573 Rolstad, Jorund and Per Wegge. EFFECTS OF LOGGING ON CAPERCAILLIE (*TETRAO UROGALLUS*) LEKS. II. CUTTING EXPERIMENTS IN SOUTHEASTERN NORWAY. *Scand. J. For. Res.* 4(1):111-127. 1989. WR 213
[Agric. Univ. Norway, Dep. Nat. Conserv., P.O. Box 39, N-1432 As-NLH, Norway]

89-004574 Servello, Frederick A. and Roy L. Kirkpatrick. NUTRITIONAL VALUE OF ACORNS FOR RUFFED GROUSE. *J. Wildl. Manage.* 53(1):26-29. 1989. WR 213
[Dep. For., Univ. Ky., Lexington 40546] *Bonasa umbellus*.

89-004575 Small, Robert J. and Donald H. Rusch. THE NATAL DISPERSAL OF RUFFED GROUSE. *Auk* 106(1):72-79. 1989. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Bonasa umbellus* in Wisconsin.

GROUSE AND PTARMIGAN (CONTINUED)

89-004576 Stuen, Odd H. and Tor K. Spidso. INVERTEBRATE ABUNDANCE IN DIFFERENT FOREST HABITATS AS ANIMAL FOOD AVAILABLE TO CAPERCAILLIE *TETRAO UROGALLUS* CHICKS. *Scand. J. For. Res.* 3(4):527-532. 1988. WR 213
[Dep. Nat. Conserv., Agric. Univ. Norway, P.O. Box 39, N-1432 As-NLH, Norway]

89-004577 Thompson, Frank R. III and Erik K. Fritzell. HABITAT USE, HOME RANGE, AND SURVIVAL OF TERRITORIAL MALE RUFFED GROUSE. *J. Wildl. Manage.* 53(1):15-21. 1989. WR 213
[School For., Fish. & Wildl., Univ. Mo., Columbia 65211] *Bonasa umbellus* in Missouri.

89-004578 Thompson, Frank Richard III. THE ECOLOGY OF THE RUFFED GROUSE IN CENTRAL MISSOURI. *Ph.D. dissertation, Univ. Mo. (Columbia)* 85p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2441. 1989. Order No. DA8818973. WR 213
Bonasa umbellus.

89-004579 Yahner, Richard H. and Richard A. Voytko. EFFECTS OF NEST-SITE SELECTION ON DEPREDATION OF ARTIFICIAL NESTS. *J. Wildl. Manage.* 53(1):21-25. 1989. WR 213
[School For. Resour., Pa. State Univ., University Park 16802] *Bonasa umbellus* in Pennsylvania.

PHASIANIDAE--GENERAL

89-004580 Chattopadhyay, Srikumar and S. Mohammad Ali. PHEASANTS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 298-304. 1986. WR 213
[Zool. Surv. India, 8 Lindsay St., Calcutta 87, India] Data for 14 spp. in India.

89-004581 Davison, G. W. H. FRANCOLINS AND THEIR SPURS. *World Pheasant Assoc. J.* 13:21-28. 1988. WR 213
[Zool. Dep., Univ. Kebangsaan Malaysia, 43600 Bangi, Selangor, Malaysia]

89-004582 Zheng Guangmei. A REVIEW OF BIOLOGICAL STUDIES OF PHASIANIDAE IN CHINA. *World Pheasant Assoc. J.* 13:13-20. 1988. WR 213
[Dep. Biol., Beijing Normal Univ., Beijing, China]

RING-NECKED PHEASANT AND ALLIES

89-004583 Matsumoto, Teisuke. [AN ANOMALOUS PHEASANT CHICK WITH 4 LEGS.] *Jpn. J. Ornithol.* 37(1):41-42. 1988. In Japanese with English summ. WR 213
[Miya-machi, Sonobe-cho, Funai-gun, Kyoto 622, Japan] *Phasianus colchicus versicolor.*

OTHER PHASIANIDAE

89-004584 Burt, Jim and Lewellyn Young. OBSERVATIONS ON CHICK REARING METHODS FOR RE-INTRODUCTION PROJECTS: THE CHEER PROJECT IN PAKISTAN. *World Pheasant Assoc. J.* 13:32-41. 1988. WR 213
[Capital Dev. Agency, Islamabad, Pakistan] *Catreus wallichii.*

89-004585 Carmi-Winkler, N.; B. Pinshow and A. A. Degen. TIME-ENERGY BUDGETS OF FREE-LIVING CHUKARS: ENVIRONMENTAL AND PHYSIOLOGICAL CONSTRAINTS ON THE SPECIES' GEOGRAPHIC DISTRIBUTION. *Isr. J. Zool.* 35(1-2):105. 1988/89. Abstract only. WR 213
[Mitrani Cent. Desert Ecol., Jacob Blaustein Inst. Desert Res., Ben Gurion Univ. Negev, 84993 Sede Boqer Campus, Israel] *Alectoris chukar.*

89-004586 Degen, A. Allan and Berry Pinshow. WATER BALANCE IN TWO NEGEV DESERT PHASIANIDS: THE CHUKAR AND THE SAND PARTRIDGE. *In: Progress in Desert Research. Louis Berkofsky and Morton G. Wurtele, editors.* p. 99-117. 1987. WR 213
[Ben-Gurion Univ. Negev, Sede Boqer Campus, Israel] *Ammoperdix heyi* and *Alectoris chukar* in Israel.

89-004587 Doerr, Ted Bachman. EFFECTS OF SUPPLEMENTAL FEEDING ON NORTHERN BOBWHITE POPULATIONS IN SOUTH TEXAS. *Ph.D. dissertation, Tex. A&M Univ.* 67p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2013. 1988. Order No. DA8815861. WR 213
Colinus virginianus.

89-004588 Dowell, S. D. THE ECOLOGY AND CONSERVATION OF THE GREY PARTRIDGE *PERDIX PERDIX. World Pheasant Assoc. J.* 13:50-68. 1988. WR 213
[Game Conserv., Fordingbridge, Hampshire SP6 1ER, England]

89-004589 Durrant, Barbara; Patricia Sarver; Joan Yamada and Jackie Good. SEMEN EVALUATION AND ARTIFICIAL INSEMINATION IN PHEASANTS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 27-30. 1988. WR 213
[Zool. Soc. San Diego, P.O. Box 551, San Diego, CA 92112] *Lophophorus lhuysii.*

89-004590 He Fen-Qi; Lu Tai-Chun and Cui Xue-Zheng. ECOLOGY OF THE CHINESE MONAL *(LOPHOPHORUS LHUYSII). World Pheasant Assoc. J.* 13:42-49. 1988. WR 213
[Dep. Vertebr., Inst. Zool., Acad. Sinica, Beijing, China]

89-004591 Kane, Arlo Harvey. EFFECTS OF MANAGEMENT ON BOBWHITE HABITAT AND DENSITY IN SOUTHERN TEXAS. *M.S. thesis, Tex. A&I Univ.* 95p. 1988. From Masters Abstr. Int. 26(4):395. 1988. Order No. MA1333316. WR 213
Colinus virginianus.

89-004592 Lieberman, Alan. CHINESE PHEASANT BREEDING PROGRAM AT THE SAN DIEGO ZOO. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 21-26. 1988. WR 213
Bambusicola thoracica, Chrysolophus amherstiae, C. pictus, Crossoptilon auritum, C. mantchuricum, Lophophorus lhuysii, Syrmaticus ellioti, S. reevesii, and *Tragopan temminckii.*

89-004593 Pollock, Kenneth H.; Scott R. Winterstein; Christine M. Bunck and Paul D. Curtis. SURVIVAL ANALYSIS IN TELEMETRY STUDIES: THE STAGGERED ENTRY DESIGN. *J. Wildl. Manage.* 53(1):7-15. 1989. WR 213

OTHER PHASIANIDAE (CONTINUED)

89-004593 CONTINUED
[Inst. Stat., N.C. State Univ., Box 8203, Raleigh 27695-8203] *Colinus virginianus* in North Carolina.

89-004594 Pollock, Kenneth H.; Clinton T. Moore; William R. Davidson; Forest E. Kellogg and Gary L. Doster. SURVIVAL RATES OF BOBWHITE QUAIL BASED ON BAND RECOVERY ANALYSES. *J. Wildl. Manage.* 53(1):1-6. 1989. WR 213
[Inst. Stat., N.C. State Univ., Box 8203, Raleigh 27695-8203] *Colinus virginianus* in Florida.

89-004595 Schlinger, Barnett Alan. ANDROGEN METABOLISM IN QUAIL (*COTURNIX COTURNIX JAPONICA*) BRAIN: RELATIONSHIP TO AGGRESSIVENESS. *Ph.D. dissertation, Boston Univ.* 335p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2466. 1989. Order No. DA8810915. WR 213

89-004596 Sloan, Denise Lynn. NORTHERN BOBWHITE NESTING, ACTIVITY PATTERNS AND HABITAT USE IN TWO GRAZING SYSTEMS IN THE TEXAS COASTAL BEND. *M.S. thesis, Stephen F. Austin State Univ.* 100p. 1987. From Masters Abstr. Int. 27(1):68. 1989. Order No. MA1334059. WR 213
Colinus virginianus.

89-004597 Takei, Yoshio; Yuji Okawara and Hideshi Kobayashi. WATER INTAKE INDUCED BY WATER DEPRIVATION IN THE QUAIL, *COTURNIX COTURNIX JAPONICA*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 158(5):519-525. 1988. WR 213
[Dep. Physiol., Univ. School Med., 1-15-1 Kitasato, Sagamihara, Kanagawa 228, Japan]

TURKEY

89-004598 Bidwell, Terrence G.; Scott D. Shalaway; O. Eugene Maughan and Larry G. Talent. HABITAT USE BY FEMALE EASTERN WILD TURKEYS IN SOUTHEASTERN OKLAHOMA. *J. Wildl. Manage.* 53(1):34-39. 1989. WR 213
[Dep. Agron., 373 AGH, Okla. State Univ., Stillwater 74078] *Meleagris gallopavo silvestris*.

89-004599 Castle, Marc Daniel. BASIC STUDIES ON HEMATOZOA OF WILD TURKEYS. *Ph.D. dissertation, Univ. Wis. (Madison)* 114p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3522. 1989. Order No. DA8810451. WR 213
Meleagris gallopavo in Texas.

89-004600 Crites, Mark Jeffery. ECOLOGY OF THE MERRIAM'S WILD TURKEY IN NORTH-CENTRAL ARIZONA. *M.S. thesis, Univ. Ariz.* 71p. 1988. From Masters Abstr. Int. 26(4):394. 1988. Order No. MA1333232. WR 213
Meleagris gallopavo.

89-004601 Vander Haegen, W. Matthew; Mark W. Sayre and Wendell E. Dodge. WINTER USE OF AGRICULTURAL HABITATS BY WILD TURKEYS IN MASSACHUSETTS. *J. Wildl. Manage.* 53(1):30-33. 1989. WR 213
[Coop. Fish. & Wildl. Res. Univ., 240 Nutting Hall, Univ. Maine, Orono 04469] *Meleagris gallopavo silvestris*.

OTHER GALLINACEOUS BIRDS

89-004602 Booth, David T. METABOLISM IN MALLEEFOWL (*LEIPOA OCELLATA*). *Comp. Biochem. Physiol. A Comp. Physiol.* 92(2):207-209. 1989. WR 213
[Dep. Anat., Univ. Chicago, 1025 E. 57th St., Chicago, IL 60637]

89-004603 Gatter, Wulf; Alexander Peal; Charles Steiner and Friedhelm Weick. [THE UNKNOWN IMMATURE PLUMAGES OF THE RARE WHITE BREASTED GUINEA FOWL (*AGELASTES MELEAGRIDES* BONAPARTE, 1850).] *Ecol. Birds* 10(1):105-111. 1988. In German with English summ. WR 213
[Buchsstr. 20, D-7318 Oberlenningen, West Germany]

89-004604 Jones, Darryl N. HATCHING SUCCESS OF THE AUSTRALIAN BRUSH-TURKEY *ALECTURA LATHAMI* IN SOUTH-EAST QUEENSLAND. *Emu* 88(4):260-262. 1988. WR 213
[Div. Australian Environ. Studies, Griffith Univ., Nathan, Qld. 4111, Australia]

89-004605 Jones, Darryl N. CONSTRUCTION AND MAINTENANCE OF THE INCUBATION MOUNDS OF THE AUSTRALIAN BRUSH-TURKEY *ALECTURA LATHAMI*. *Emu* 88(4):210-218. 1988. WR 213
[Div. Australian Environ. Studies, Griffith Univ., Nathan, Qld. 4111, Australia]

89-004606 Manabe, Noboru; Eimei Sato; Tokukazu Izumi and Takehiko Ishibashi. [HISTOENZYMATIC CHARACTERISTICS AND THE SIZE OF SKELETAL MUSCLE FIBERS IN THE GUINEA FOWL *NUMIDA MELEAGRIS*.] *Jpn. J. Ornithol.* 37(1):1-16. 1988. In Japanese with English summ. WR 213
[Dep. Anim. Sci., Fac. Agric., Kyoto Univ., Kitashirakawa, Sakyo-ku, Kyoto 606, Japan]

89-004607 Sych, V. F. [MORPHOLOGICAL TRAITS OF THE PELVIC EXTREMITY MUSCULATURE IN *OPISTHOCOMUS HOAZIN* (GALLIFORMES).] *Zool. Zh.* 67(12):1854-1864. 1988. In Russian with English summ. WR 213
[Zool. Inst. Ukrainian SSR Acad. Sci., Kiev, USSR]

DOVES AND PIGEONS

89-004608 Abs, M. and R. Jeismann. DO COURTSHIP SONGS DIFFER INDIVIDUALLY IN THE DOMESTIC PIGEON *COLUMBA LIVIA DOMESTICA*? *Bioacoustics* 1(2/3):151-157. 1988. WR 213
[Lehrstuhl Allgem. Zool. & Neurobiol., Ruhr-Univ. Bochum, D-4630 Bochum 1, West Germany]

89-004609 Bee de Speroni, Noemi; Cristina Rendel and Sofia P. de Fabro. [STUDY OF THE TESTICULAR CYCLE OF *ZENAIDA AURICULATA CHRYSAUCHENIA* (AVES: COLUMBIDAE).] *Hist. Nat.* 6(5):41-47. 1986. In Spanish with English summ. WR 213
[Catedra Anat. Comp., Fac. Cienc. Exactas, Fisicas & Nat., Univ. Nac. Cordoba, Velez Sarsfield 299, 5000 Cordoba, Argentina]

89-004610 Blockstein, David E. CROP MILK AND CLUTCH SIZE IN MOURNING DOVES. *Wilson Bull.* 101(1):11-25. 1989. WR 213
[Dep. Zool., Conn. Coll., New London 06320] *Zenaida macroura* in North Dakota.

DOVES AND PIGEONS (CONTINUED)

89-004611 Goodwin, Derek. THE CRESTED PIGEON *OCYPHAPS LOPHOTES*. *Avic. Mag.* 94(4):205-210. 1988. WR 213

89-004612 Jiad, Jameel H.; Abdul Rahman Al-Tae and Walid T. Al-Jumaily. ESTIMATION OF THE DAMAGE CAUSED BY COLLARED DOVE ON GRAIN STOREHOUSE. *J. Biol. Sci. Res.* 19(Suppl.):A41. 1988. English abstract only. WR 213
[Biol. Res. Cent., Sci. Res. Council, Baghdad, Iraq] *Streptopelia decaocto decaocto* in Iraq.

89-004613 Kalomenopoulou, Maria and George Koliakos. TOTAL BODY HAEMATOCRIT IRON KINETICS AND ERYTHROCYTE LIFE SPAN IN PIGEONS (*COLUMBA LIVIA*). *Comp. Biochem. Physiol. A Comp. Physiol.* 92(2):215-218. 1989. WR 213
[Lab. Anim. Physiol., Dep. Biol., School Sci., Aristotelian Univ., Thessaloniki, Greece]

89-004614 Spencer, Kevin T. RANGE EXTENSION OF THE COMMON GROUND-DOVE INTO SANTA BARBARA AND VENTURA COUNTIES, CALIFORNIA. *West. Birds* 18(3):171-174. 1987. WR 213
[437 San Nicolas Ave., Santa Paula, CA 93060] *Columbina passerina*.

WATERBIRDS

89-004615 Andersson, A. COMPETITION BETWEEN FISHES AND WATERFOWL. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 248-249. 1982. WR 213
[Swedish Sportsmen's Assoc., Box 7002, S-750 07 Uppsala, Sweden] *Podiceps auritus, Anas platyrhynchos, Aythya ferina, A. fuligula, Fulica atra,* and *Bucephala clangula*.

89-004616 Andersson, A. THE ECOLOGY OF LAKES CREATED FOR WATERFOWL. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 128-136. 1982. WR 213
[Swedish Sportsmen's Assoc., Box 7002, S-750 07 Uppsala, Sweden]

89-004617 Arnold, Todd W. and Michael D. Sorenson. A RECORD EARLY SEASON FOR MARSH-BREEDING BIRDS IN SOUTHWESTERN MANITOBA. *Blue Jay* 46(3):133-135. 1988. WR 213
[Delta Waterfowl & Wetlands Res. Stn., R.R. 1, Portage la Prairie, MB, Canada R1N 3A1] *Anas platyrhynchos, A. discors, Aythya vasilsineria, A. americana, Porzana carolina, Fulica americana, Oxyura jamaicensis, Chlidonias nigra, Charadrius vociferus, Xanthocephalus xanthocephalus,* and *Agelaius phoeniceus*.

89-004618 Axell, H. E. ESTABLISHMENT AND MANAGEMENT OF AN ARTIFICIAL BRACKISH LAKE WITH NESTING ISLANDS AT MINSMERE, ENGLAND. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 143-155. 1982. WR 213
[RSPB, The Lodge, Sandy, Beds. SG19 2DL, England]

89-004619 Bent, Arthur Cleveland. LIFE HISTORIES OF NORTH AMERICAN DIVING BIRDS. *Dover Publ., Inc.* 239p. 1986. WR 213

WATERBIRDS (CONTINUED)

89-004620 Bezzel, Einhard and Dean Hashmi. [FLUCTUATION IN NUMBERS OF MIGRATING AND WINTERING WATERFOWL: TRENDS OF INDICES IN MALLARD (*ANAS PLATYRHYNCHOS*), TUFTED DUCK (*AYTHYA FULIGULA*) AND COOT (*FULICA ATRA*) IN SOUTHERN BAVARIA.] *J. Ornithol.* 130(1):35-48. 1989. In German with English summ. WR 213
[Inst. Vogelkunde, Gsteigstr. 43, D-8100 Garmisch-Partenkirchen, West Germany]

89-004621 Bildstein, K. L.; D. E. Gawlick; D. P. Ferral; I. L. Brisbin and G. R. Wein. WADING BIRD USE OF A NEWLY CREATED COOLING LAKE AT SAVANNAH RIVER PLANT NEAR AIKEN, SOUTH CAROLINA. *Colon. Waterbird Soc. Newsl.* 12(2):24. 1988. Abstract only. WR 213
[Dep. Biol., Winthrop Coll., Rock Hill, SC 29733]

89-004622 Britton, R. H. MANAGING THE PREY FAUNA. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 92-97. 1982. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France]

89-004623 Brush, T.; R. A. Lent; T. Hruby; B. A. Harrington and W. G. Montgomery. HABITAT USE BY SALT MARSH BIRDS AND RESPONSE TO OPEN MARSH WATER MANAGEMENT. *Proc. Iowa Acad. Sci.* 94(1):102. 1987. Abstract only. WR 213
[Biol. Dep., Marycrest Coll., 1607 W. 12th St., Davenport, IA 52804]

89-004624 Brzorad, John and Katherine Parsons. DISTRIBUTIONS OF FORAGING WADING BIRDS IN A NEW JERSEY ESTUARY. *Colon. Waterbird Soc. Newsl.* 12(2):41. 1988. Abstract only. WR 213
[Manomet Bird Observ., Box 936, Manomet, MA 02345]

89-004625 Chalmers, M. L., compiler. INTERNATIONAL WATERFOWL COUNT IN DEEP BAY, HONG KONG, 10 AND 11 JANUARY 1987. *Hong Kong Bird Rep.* 1987:35-40. 1988. WR 213
[Hong Kong Bird Watching Soc., G.P.O. Box 12460, Hong Kong]

89-004626 Chen Zhao-Qing. NICHE SELECTION OF BREEDING SEABIRDS ON CHENLUSHAN ISLAND IN THE YELLOW SEA, CHINA. *Colon. Waterbirds* 11(2):306-307. 1988. WR 213
[Dep. Biol., E. China Normal Univ., Shanghai 200062, China] *Synthliboramphus antiquus, Larus crassirostris, Oceanodroma monorhis*, and *Phalacrocorax pelagicus*.

89-004627 Crome, F. H. J. TO DRAIN OR NOT TO DRAIN? - INTERMITTENT SWAMP DRAINAGE AND WATERBIRD BREEDING. *Emu* 88(4):243-248. 1988. WR 213
[CSIRO Div. Wildl. & Rangelands Res., Trop. For. Res. Cent., P.O. Box 780, Atherton, Qld. 4883, Australia]

89-004628 Desgranges, J.-L. and M. Darveau. [FREQUENCY OF AQUATIC BIRDS AT LAKES IN QUEBEC DURING THE BREEDING SEASON.] *Nat. Can. (Que.)* 115(1):1-7. 1988. In French with English summ. WR 213
[Serv. Canadian Faune, Boite Postale 10 100, Sainte-Foy, PQ, Canada G1V 4H5] *Gavia immer, Ardea herodias, Anas rubripes, Aythya collaris*, and *Bucephala clangula* in Canada.

89-004629 Duncan, P. and J. M. D'Herbes. THE USE OF DOMESTIC HERBIVORES IN THE MANAGEMENT OF WETLANDS FOR WATERBIRDS IN THE CAMARGUE, FRANCE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl*

WATERBIRDS (CONTINUED)

89-004629 CONTINUED *Management. D. A. Scott, editor*. p. 51-66. 1982. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France]

89-004630 Engstrom, R. Todd. AN EVALUATION OF THE COLONIAL BIRD REGISTER. *Colon. Waterbird Soc. Newsl*. 12(2):27. 1988. Abstract only. WR 213
[Cornell Lab. Ornithol., 159 Sapsucker Woods Rd., Ithaca, NY 14850]

89-004631 Fasola, Mauro; Giuseppe Bogliani; Luca Canova and Nicola Saino. FORAGING ECOLOGY AND BREEDING DISTRIBUTION OF A MEDITERRANEAN SEABIRD COMMUNITY. *Colon. Waterbird Soc. Newsl*. 12(2):28. 1988. Abstract only. WR 213
[Dep. Biol. Anim., Pz. Botta 9, Univ. Pavia, Pavia, Italy]

89-004632 Frohring, Paula C.; Dorothy P. Voorhees and James A. Kushlan. HISTORY OF WADING BIRD POPULATIONS IN THE FLORIDA EVERGLADES: A LESSON IN THE USE OF HISTORICAL INFORMATION. *Colon. Waterbirds* 11(2):328-335. 1988. WR 213
[Dep. Biol., Univ. Miss., University 38677]

89-004633 Geroudet, Paul. [THE 35th WATER BIRD CENSUS FOR WESTERN SWITZERLAND AND BORDERING REGIONS, JANUARY 1988.] *Nos Oiseaux* 39(8):436-439. 1988. In French. WR 213
[37 av. Champel, CH-1206 Geneva, Switzerland]

89-004634 Greer, Richard D.; Carroll L. Cordes and Stanley H. Anderson. HABITAT RELATIONSHIPS OF ISLAND NESTING SEABIRDS ALONG COASTAL LOUISIANA. *Colon. Waterbirds* 11(2):181-188. 1988. WR 213
[Coop. Fish & Wildl. Res. Unit, Univ. Wyo., Laramie 82071]

89-004635 Halse, S. A. and N. J. Halse. SEABIRDS AND SHOREBIRDS AT NINGALOO IN WINTER, WITH COMMENTS ON HUTTON'S SHEARWATER. *West. Aust. Nat*. 17(5):97-106. 1988. WR 213
[Wildl. Res. Cent., Dep. Conserv. & Land Manage., P.O. Box 51, Wanneroo, W.A. 6065, Australia] *Puffinus huttoni* in Australia.

89-004636 Kruger, Hans-Peter. [THE RECONSTRUCTION OF FISH PONDS IN THE POND REGION OF PEITZ, EAST GERMANY, A MOIST REGION OF INTERNATIONAL IMPORTANCE WITH REFERENCE TO THE DEVELOPMENT OF HABITAT FOR AQUATIC BIRDS.] *Beitr. Vogelkd*. 34(1):1-20. 1988. In German. WR 213
[Richard Wagner-Str. 10, Peitz DDR-7520, East Germany]

89-004637 Lambert, Kurt. [NOCTURNAL MIGRATION ACTIVITY OF SEABIRDS IN THE GULF OF GUINEA.] *Beitr. Vogelkd*. 34(1):29-35. 1988. In German. WR 213
[Dr. Kurt-Barthel-Str. 35, Rostock 21 DDR-2520, East Garmany]

89-004638 LaPointe, Thomas F.; George J. Divoky; Elizabeth D. Archer; Tracy A. Gill; Marilyn D. King; Robert J. Wolotira and Arthur L. Sowls. NOAA'S SEABIRD MAPPING PROGRAM: ATLAS AND COMPUTER PRODUCTS. *Colon. Waterbird Soc. Newsl*. 12(2):42. 1988. Abstract only. WR 213
[Strategic Assessment Branch, Oceans Assessments Div., NOAA, 11400 Rockville Pike, Rockville, MD 20852]

WATERBIRDS (CONTINUED)

89-004639 Lloyd, Clare. THE BRITISH AND IRISH SEABIRD COLONY REGISTER. *Colon. Waterbird Soc. Newsl.* 12(2):32. 1988. Abstract only. WR 213
[Nat. Conserv. Counc., Aberdeen, Scotland]

89-004640 Lumsden, H. G. ARTIFICIAL NESTING STRUCTURES FOR WATERBIRDS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 179-199. 1982. WR 213
[Minist. Nat. Resour., P.O. Box 50, Maple, ON, Canada L0J 1E0]

89-004641 Maccarone, Alan D. and Katherine C. Parsons. FORAGING PATTERNS BY NESTING WADING BIRDS AT A POND ON STATEN ISLAND, NEW YORK CITY. *Colon. Waterbird Soc. Newsl.* 12(2):33. 1988. Abstract only. WR 213
[Manomet Bird Observ., Manomet, MA 02345]

89-004642 Matthews, G. V. T. POPULATION RESTORATION OF ENDANGERED WATERFOWL THROUGH CAPTIVE BREEDING. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 275-278. 1982. WR 213
[IWRB, Slimbridge, Glos. GL2 7BX, England]

89-004643 McCrimmon, Donald A. and Gregory S. Butcher. NON-LINEAR DYNAMICS OF CHRISTMAS BIRD COUNT DATA FOR SOUTHEASTERN U.S. WADING BIRDS. *Colon. Waterbird Soc. Newsl.* 12(2):33. 1988. Abstract only. WR 213
[Mt. Desert Island Biol. Lab., Salsbury Cove, ME 04672]

89-004644 Nettleship, David N. and John W. Chardine. THE CANADIAN WILDLIFE SERVICE SEABIRD COLONY REGISTRY. *Colon. Waterbird Soc. Newsl.* 12(2):34. 1988. Abstract only. WR 213
[Canadian Wildl. Serv., Bedford Inst. Oceanogr., P.O. Box 1006, Dartmouth, NS, Canada B2Y 4A2]

89-004645 Nygard, Torgeir. THE NORWEGIAN SEABIRD REGISTRY. *Colon. Waterbird Soc. Newsl.* 12(2):34. 1988. Abstract only. WR 213
[Norwegian Inst. Nat. Res., Tungasletta 2, N-7004 Trondheim, Norway]

89-004646 Oetting, R. B. MANAGEMENT OF WATERFOWL HABITAT ON PUBLIC RIGHT-OF-WAY IN NORTH DAKOTA, USA. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 163-171. 1982. WR 213
[U.S. Fish & Wildl. Serv., Washington, DC 20240]

89-004647 Parnell, James F.; David G. Ainley; Hans Blokpoel; Brian Cain; Thomas W. Custer; Julian L. Dusi; Stephen Kress; James A. Kushlan; William E. Southern; Lynne E. Stenzel and Bruce C. Thompson. COLONIAL WATERBIRD MANAGEMENT IN NORTH AMERICA. *Colon. Waterbirds* 11(2):129-169. 1988. WR 213
[Dep. Biol. Sci., Univ. N.C., Wilmington 28403]

89-004648 Paton, Peter W. C.; J. Michael Scott and Timothy A. Burr. AMERICAN COOT AND BLACK-NECKED STILT ON THE ISLAND OF HAWAII. *West. Birds* 16(4):175-181. 1985. WR 213
[Redwood Sci. Lab., 1700 Bayview Dr., Arcata, CA 95521] *Fulica americana alai* and *Himantopus mexicanus knudseni*.

WATERBIRDS (CONTINUED)

89-004649 Robert, Michel; Raymond McNeil and Alain Leduc. CONDITIONS AND SIGNIFICANCE OF NIGHT FEEDING IN SHOREBIRDS AND OTHER WATER BIRDS IN A TROPICAL LAGOON. *Auk* 106(1):94-101. 1989. WR 213
[McNeil: Dep. Sci. Biol. & Cent. Rech. Ecol. Montreal, Univ. Montreal, C.P. 6128, Succ. "A", Montreal, PQ, Canada H3C 3J7]

89-004650 Rost, Fred. [OBSERVATIONS ON THE BREEDING BIOLOGY AND POPULATION DYNAMICS OF AQUATIC BIRDS IN THE POND REGION OF HASSELBACH LEIPZIG DISTRICT, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):117-130. 1988. In German. WR 213
[Heckenweg 3, PF 12/68, Meuselbach DDR-6429, East Germany]

89-004651 Runde, D. E. RESURVEY OF WADING BIRD COLONIES IN FLORIDA. *Colon. Waterbird Soc. Newsl.* 12(2):36. 1988. Abstract only. WR 213
[Nongame Wildl. Program, Game & Fresh Water Fish Comm., 620 S. Meridian St., Tallahassee, FL 32399-1600]

89-004652 Schreiber, Elizabeth A. and Ralph W. Schreiber. INSIGHTS INTO SEABIRD ECOLOGY FROM A GLOBAL "NATURAL EXPERIMENT". *Natl. Geogr. Res.* 5(1):64-81. 1989. WR 213
[Los Angeles Cty. Nat. Hist. Mus., Los Angeles, CA 90007]

89-004653 Scott, D. A., editor. MANAGING WETLANDS AND THEIR BIRDS - A MANUAL OF WETLAND AND WATERFOWL MANAGEMENT. *Int. Waterfowl Res. Bur.* 368p. 1982. WR 213
[Int. Waterfowl Res. Bur., Slimbridge, Glos. GL2 7BX, England] Selected papers indexed in this issue of *Wildlife Review*.

89-004654 Shea, Russell E. and Robert E. Ricklefs. THE RELATIONSHIP BETWEEN FEEDING VARIABILITY, CONVERSION EFFICIENCY AND CHICK GROWTH IN FOUR TROPICAL SEABIRDS BREEDING AT MIDWAY ISLANDS. *Colon. Waterbird Soc. Newsl.* 12(2):37. 1988. Abstract only. WR 213
[Dep. Biol., Randolph-Macon Coll., Ashland, VA 23008]

89-004655 Shuntov, V. P. [ABUNDANCE AND DISTRIBUTION OF SEA BIRDS IN THE EASTERN PART OF THE USSR FAR EAST ECONOMIC ZONE IN AUTUMN. 2. SEA BIRDS OF THE PACIFIC WATERS OF THE KAMCHATKA AND KURIL ISLANDS.] *Zool. Zh.* 67(11):1680-1688. 1988. In Russian with English summ. WR 213
[Pac. Inst. Fish. & Oceanogr., Moscow, USSR]

89-004656 Siegfried, W. R. and J. P. Croxall. TECHNIQUES FOR ASSESSING INTERACTIONS BETWEEN SEABIRDS AND FOOD RESOURCES IN THE SOUTHERN OCEAN. *Biomass Sci. Ser.* 7:107-116. 1987. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

89-004657 Spalding, Marilyn G. and Donald J. Forrester. EUSTRONGYLIDOSIS IN WADING BIRDS AT THREE COLONY TYPES IN SOUTHERN FLORIDA. *Colon. Waterbird Soc. Newsl.* 12(2):39. 1988. Abstract only. WR 213
[Dep. Infect. Dis., Univ. Fla., Gainesville 32601]

89-004658 Street, M. THE USE OF WASTE STRAW TO PROMOTE THE PRODUCTION OF INVERTEBRATE FOODS FOR WATERFOWL IN MANMADE WETLANDS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D.*

WATERBIRDS (CONTINUED)

89-004658 CONTINUED *A. Scott, editor*. p. 98-103. 1982. WR 213
[Game Conserv., ARC Wildfowl Cent., Great Linford, Milton Keynes, Bucks MK14 5AH, England]

89-004659 Summers, R. W.; P. M. Ellis and J. P. Johnston. WADERS ON THE COAST OF SHETLAND IN WINTER: NUMBERS AND HABITAT PREFERENCES. *Scott. Birds* 15(2):71-79. 1988. WR 213
[353 Arbroath Rd., Dundee, Tayside DD4 7SQ, Scotland]

89-004660 Swift, J. A. CONSTRUCTION OF RAFTS AND ISLANDS. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 200-203. 1982. WR 213
[British Assoc. Shooting & Conserv., Marford Mill, Rossett, Clwyd LL12 0HL, Wales]

89-004661 Tree, Tony. WATERBIRD COUNT AT GAMTOOS ESTUARY. *Bee-eater* 39(4):50-51. 1988. WR 213
[Chirawanoo Farm, Box 61, Darwendale, Zimbabwe]

89-004662 Walinder, G. and L. Karlsson. [BREEDING BIRDS IN THE FLOMMEN NATURE RESERVE 1984-86.] *Anser* 26(3):179-188. 1987. In Swedish with English summ. From Ecol. Abstr. 88/6:88L/8306. 1988. WR 213

89-004663 Whitman, W. R. CONSTRUCTION OF IMPOUNDMENTS AND PONDS AT TINTAMARRE NATIONAL WILDLIFE AREA, CANADA. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 156-162. 1982. WR 213
[Canadian Wildl. Serv., Sackvile, NB, Canada]

WATERFOWL--GENERAL

89-004664 Anderson, William L. and William F. Nichols. EFFECTIVENESS OF SELECTED LEAD AND STEEL SHOT SHELLS FOR DISPATCHING CRIPPLED DUCKS. *Trans. Ill. State Acad. Sci*. 81(3-4):253-260. 1988. WR 213
[Dep. Conserv., 607 E. Peabody, Champaign, IL 61820]

89-004665 Batt, Bruce D. J.; Michael G. Anderson; C. Diane Anderson and F. Dale Caswell. THE USE OF PRAIRIE POHTHOLES BY NORTH AMERICAN DUCKS. *In: Northern Prairie Wetlands. Arnold van der Valk, editor*. p. 204-227. 1989. WR 213
[Delta Waterfowl & Wetlands Res. Stn., Delta, MB, Canada R1N 3A1]

89-004666 Fog, M. PREVENTION OF CROP DAMAGE. *In: Managing Wetlands and and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 227-232. 1982. WR 213
[Game Biol. Stn., Kalo, DK 8410 Ronde, Denmark]

89-004667 Lampio, T. IMPROVEMENT OF METHODS AND PRACTICES IN WATERFOWL HUNTING. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 302-307. 1982. WR 213
[IWRB, Game Res. Div., Pitkansillanranta 3A, 00530 Helsinki 53, Finland]

WATERFOWL--GENERAL (CONTINUED)

89-004668 Lampio, T. NATIONAL AND LOCAL REQUIREMENTS FOR REGULATION OF WATERFOWL SHOOTING PRESSURE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 293-301. 1982. WR 213
[IWRB, Game Res. Div., Pitkansillanranta 3A, 00530 Helsinki 53, Finland]

89-004669 Lampio, T. REGULATION OF WATERFOWL HUNTING ON HAILUOTO, FINLAND. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 308-315. 1982. WR 213
[IWRB, Game Res. Div., Pitkansillanranta 3A, 00530 Helsinki 53, Finland]

89-004670 Linduska, J. P. SANCTUARIES IN WATERFOWL MANAGEMENT IN THE USA. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 319-324. 1982. WR 213
[Wildfowl Found., Inc., 709 Wire Bldg., 1000 Vermont Ave., NW, Washington, DC 20005]

89-004671 Matthews, G. V. T. THE CONTROL OF RECREATIONAL DISTURBANCE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 325-330. 1982. WR 213
[IWRB, Slimbridge, Glos. GL2 7BX, England]

89-004672 Sabin, Walton B. NEW YORK STATE WATERFOWL COUNT, JANUARY 1988. *Kingbird* 38(4):240-245. 1988. WR 213
[652 Kenwood Ave., Slingerlands, NY 12159-0044]

89-004673 Smith, R. I. FARM CROPS USED IN WATERFOWL MANAGEMENT IN NORTH AMERICA. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 223-226. 1982. WR 213
[U.S. Fish & Wildl. Serv., Washington, DC 20240]

89-004674 Swanson, George A. and Harold F. Duebbert. WETLAND HABITATS OF WATERFOWL IN THE PRAIRIE POTHOLE REGION. *In: Northern Prairie Wetlands. Arnold van der Valk, editor.* p. 228-267. 1989. WR 213
[U.S. Fish & Wildl. Serv., North. Prairie Wildl. Res. Cent., Jamestown, ND 58401]

89-004675 Swift, J. A. and A. R. Laws. THE RELEASE OF WATERFOWL INTO THE WILD WITH PARTICULAR REFERENCE TO RESTOCKING PROGRAMMES. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 283-287. 1982. WR 213
[British Assoc. Shooting & Conserv., Marford Mill, Rossett, Clwyd LL12 0H1, Wales]

89-004676 Vinogradov, V. V.; G. M. Rusanov; D. V. Bondarev and G. A. Krivonosov. CONSTRUCTION OF NEST SITES AND IMPROVEMENT OF MOULTING SITES FOR WATERFOWL IN THE VOLGA RIVER DELTA, USSR. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 209-215. 1982. WR 213
[Caspian Ornithol. Stn., Astrakhan State Nat. Reserve, Astrakhan, USSR] *Anser anser* in the USSR.

DUCKS

89-004677 Aspinall, S. J. and R. H. Dennis. GOOSANDERS AND RED-BREASTED MERGANSERS IN THE MORAY FIRTH. *Scott. Birds* 15(2):65-70. 1988. WR 213
[RSPB Highland Office, Munlochy, Ross & Cromarty IV8 8ND, Scotland] *Mergus merganser* and *M. serrator* in Scotland.

89-004678 Bilsing, Annelore; B. Hensch; R. Schneider and M. Nichelmann. [PREFERENCES IN PARENT ANIMAL KEEPING OF MUSCOVY DUCK *(CAIRINA MOSCHATA)*.] *Monatsh. Veterinaermed.* 43(24):871-874. 1988. In German with English and Russian summ. WR 213
[Invalidenstr. 43, Berlin 1040, West Germany]

89-004679 Bustnes, Jan Ove and Kjell Einar Erikstad. THE DIETS OF SYMPATRIC WINTERING POPULATIONS OF COMMON EIDER *SOMATERIA MOLLISSIMA* AND KING EIDER *S. SPECTABILIS* IN NORTHERN NORWAY. *Ornis Fenn.* 65(4):163-168. 1988. In English with Finnish summ. WR 213
[Erikstad: Zool. & Mar. Biol. Dep., Tromso Mus., Univ. Tromso, N-9000 Tromso, Norway]

89-004680 Ching, Hilda Lei. *PROFILICOLLIS BOTULUS* (VAN CLEAVE, 1916) FROM DIVING DUCKS AND SHORE CRABS OF BRITISH COLUMBIA. *J. Parasitol.* 75(1):33-37. 1989. WR 213
[Hydra Enterprises Ltd., P.O. Box 2184, Vancouver, BC, Canada V6B 3V7] *Bucephala clangula, B. islandica, Somateria mollissima, Aythya marila*, and *Clangula hyemalis*.

89-004681 Combs, Daniel Lamar. ECOLOGY OF MALE MALLARDS DURING WINTER IN THE UPPER MISSISSIPPI ALLUVIAL VALLEY. *Ph.D. dissertation, Univ. Mo. (Columbia)* 242p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2438. 1989. Order No. DA8818926. WR 213
Anas platyrhynchos.

89-004682 Conroy, Michael J.; Gary R. Costanzo and Daniel B. Stotts. WINTER SURVIVAL OF FEMALE AMERICAN BLACK DUCKS ON THE ATLANTIC COAST. *J. Wildl. Manage.* 53(1):99-109. 1989. WR 213
[Coop. Fish & Wildl. Res. Unit, School For. Resour., Univ. Ga., Athens 30602] *Anas rubripes*.

89-004683 Dean, W. R. J. and D. M. Skead. SURVIVAL AND RECOVERY RATES OF YELLOW-BILLED DUCKS. *J. Wildl. Manage.* 53(1):119-122. 1989. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Cape Town, South Africa] *Anas undulata* in South Africa.

89-004684 DeRoia, Deidre M. and Theodore A. Bookhout. SPRING FEEDING ECOLOGY OF TEAL ON THE LAKE ERIE MARSHES. *Ohio J. Sci.* 89(2):3. 1989. Abstract only. WR 213
[Coop. Fish & Wildl. Res. Unit, 1735 Neil Ave., Columbus, OH 43210] *Anas discors* and *A. crecca*.

89-004685 Duncan, P.; L. Hoffman; R. Lambert and J. G. Walmsley. MANAGEMENT OF A DAY ROOST FOR WINTERING WATERFOWL, ESPECIALLY TEAL *ANAS CRECCA* AND GADWALL *ANAS STREPERA*, IN THE CAMARGUE, FRANCE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 73-82. 1982. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France]

DUCKS (CONTINUED)

89-004686 Fog, M. REDUCED HUMAN ACTIVITY AND BREEDING EIDERS *SOMATERIA MOLLISSIMA* AT HOV RON, DENMARK. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 331-332. 1982. WR 213
[Game Biol. Stn., Kalo, DK 8410 Ronde, Denmark]

89-004687 Fog, M. UTILIZATION OF MALLARDS *ANAS PLATYRHYNCHOS* RELEASED FOR SHOOTING IN DENMARK. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 288-290. 1982. WR 213
[IWRB, Game Biol. Stn., Kalo, DK 8410 Ronde, Denmark]

89-004688 Goudie, R. Ian. HISTORICAL STATUS OF HARLEQUIN DUCKS WINTERING IN EASTERN NORTH AMERICA--A REAPPRAISAL. *Wilson Bull.* 101(1):112-114. 1989. WR 213
[Canadian Wildl. Serv., P.O. Box 9158, St. John's, NF, Canada A1A 2X9] *Histrionicus histrionicus*.

89-004689 Grav, Hans J.; Berit Borch-Iohnsen; Hans A. Dahl; Geir W. Gabrielsen and Johan B. Steen. OXIDATIVE CAPACITY OF TISSUES CONTRIBUTING TO THERMOGENESIS IN EIDER (*SOMATERIA MOLLISSIMA*) DUCKLINGS: CHANGES ASSOCIATED WITH HATCHING. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 158(5):513-518. 1988. WR 213
[Inst. Nutr. Res., Univ. Oslo, P.O. Box 1046, Blindern, N-0316 Oslo 3, Norway]

89-004690 Hario, Martti and Karl Selin. THIRTY-YEAR TRENDS IN AN EIDER POPULATION: TIMING OF BREEDING, CLUTCH SIZE, AND NEST SITE PREFERENCES. *Finn. Game Res.* 45:3-10. 1988. WR 213
[Finnish Game & Fish. Res. Inst., Game Div., Turunlinnantie 8, SF-00930 Helsinki, Finland] *Somateria mollissima* in Finland.

89-004691 Heise, M. HUMAN-INDUCED TACHYCARDIA IN WILD AND TAME MALLARD (*ANAS PLATYRHYNCHOS*). *Comp. Biochem. Physiol. A Comp. Physiol.* 92(1):125-128. 1989. WR 213
[Inst. Meereskunde, Abteilung Meereszool., Dusternbrooker Weg 20, D-2300 Kiel, West Germany]

89-004692 Hirschfeld, Erik and Magnus Ullman. [ON THE OCCURRENCE OF RED-CRESTED POCHARD, *NETTA RUFINA*, AND FERRUGINOUS DUCK, *AYTHYA NYROCA*, IN SWEDEN AND THEIR ORIGINS.] *Var Fagelvard* 48(1):11-23. 1989. In Swedish with English summ. WR 213
[Sodra Forstadsgatan 62, 211 43 Malmo, Sweden]

89-004693 Holmes, W. N.; J. L. Redondo and James Cronshaw. CHANGES IN THE ADRENAL STEROIDOGENIC RESPONSIVENESS OF THE MALLARD DUCK (*ANAS PLATYRHYNCHOS*) DURING EARLY POST-NATAL DEVELOPMENT. *Comp. Biochem. Physiol. A Comp. Physiol.* 92(3):403-408. 1989. WR 213
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106]

89-004694 Jones, Betsy. REHABILITATION OF BIRDS AFFECTED BY BOTULISM IN A SALT MARSH. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:86-91. 1982. WR 213

DUCKS (CONTINUED)

89-004694 CONTINUED
[Wild Bird Rehab. & Res. Cent., 325 S. First St., Surf City, NJ] *Anas strepera, A. rubripes, A. platyrhynchos*, and *A. crecca* in New Jersey.

89-004695 Kiff, Lloyd F. HISTORICAL BREEDING RECORDS OF THE COMMON MERGANSER IN SOUTHEASTERN UNITED STATES. *Wilson Bull.* 101(1):141-143. 1989. WR 213
[West. Found. Vertebr. Zool., Suite 1400, 1100 Glendon Ave., Los Angeles, CA 90024]

89-004696 Kooloos, J. G. M.; A. R. Kraaijeveld; G. E. J. Langenbach and G. A. Zweers. COMPARATIVE MECHANICS OF FILTER FEEDING IN *ANAS PLATYRHYNCHOS, A. CLYPEATA* AND *AYTHYA FULIGULA* (AVES, ANSERIFORMES). *Zoomorphology (Berl.)* 108(5):269-290. 1989. WR 213
[Zweers: Dep. Morphol., Zool. Lab., Univ. Leiden, Kaiserstr. 63, P.O. Box 9516, NL-2300 RA Leiden, Netherlands]

89-004697 Kooloos, J. G. M. and G. A. Zweers. MECHANICS OF DRINKING IN THE MALLARD (*ANAS PLATYRHYNCHOS*, ANATIDAE). *J. Morphol.* 199(3):327-347. 1989. WR 213
[Zweers: Dep. Morphol., Zool. Lab., Univ. Leiden, Kaiserstr. 63, 2300 RA Leiden, Netherlands]

89-004698 Lauch, M.; M. Nichelmann and D. Wallschlager. [PRENATAL ACOUSTIC COMMUNICATION IN MUSCOVY DUCKLINGS (*CAIRINA MOSCHATA*).] *Monatsh. Veterinaermed.* 43(24):865-867. 1988. In German with English and Russian summ. WR 213
[Invalidenstr. 43, Berlin 1040, West Germany]

89-004699 Laurila, Terhi and Martti Hario. ENVIRONMENTAL AND GENETIC FACTORS INFLUENCING CLUTCH SIZE, EGG VOLUME, DATE OF LAYING AND FEMALE WEIGHT IN THE COMMON EIDER *SOMATERIA MOLLISSIMA*. *Finn. Game Res.* 45:19-30. 1988. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

89-004700 Laurila, Terhi. THE ROLE OF GENETIC FACTORS ON CLUTCH SIZE AND EGG DIMENSIONS IN THE COMMON EIDER *SOMATERIA MOLLISSIMA*. *Finn. Game Res.* 45:11-18. 1988. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

89-004701 Mayhew, Peter and David Houston. FEEDING SITE SELECTION BY WIGEON *ANAS PENELOPE* IN RELATION TO WATER. *Ibis* 131(1):1-8. 1989. WR 213
[British Assoc. Shooting & Conserv., Marford Mill, Rossett, Wrexham, Clwyd LL12 0HL, Wales]

89-004702 McAlpine, D. F.; J. Finne; M. Phinney; S. Gilliland and S. Makepeace. BREEDING RECORDS FOR THE GADWALL (*ANAS STREPERA*) IN NEW BRUNSWICK. *Nat. Can. (Que.)* 115(1):95-96. 1988. In English with French summ. WR 213
[Nat. Sci. Div., New Brunswick Mus., 277 Douglas Ave., St. John's, NB, Canada E2K 1E5]

DUCKS (CONTINUED)

89-004703 McAuley, Daniel G. and Jerry R. Longcore. NESTING PHENOLOGY AND SUCCESS OF RING-NECKED DUCKS IN EAST-CENTRAL MAINE. *J. Field Ornithol.* 60(1):112-119. 1989. In English with Spanish summ. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Maine Res. Stn., Rm. 242, Nutting Hall, Orono 04469] *Aythya collaris.*

89-004704 McGowan, R. Y. EARLY RECORDS OF POCHARD BREEDING IN FIFE. *Scott. Birds* 15(2):90. 1988. WR 213
[Dep. Nat. Hist., Royal Mus. Scotland, Chambers St., Edinburgh EH1 1JF, Scotland] *Aythya ferina* in Scotland.

89-004705 McIlquham, Carl J. and Bruce R. Bacon. WOOD DUCK NEST ON A MUSKRAT HOUSE. *J. Field Ornithol.* 60(1):84-85. 1989. In English with Spanish summ. WR 213
[Dep. Nat. Resour., P.O. Box 310, Antigo, WI 54409] *Aix sponsa* in Wisconsin.

89-004706 Miller, Michael R. ESTIMATING CARCASS FAT AND PROTEIN IN NORTHERN PINTAILS DURING THE NONBREEDING SEASON. *J. Wildl. Manage.* 53(1):123-129. 1989. WR 213
[U.S. Fish & Wild. Serv., North. Prairie Wildl. Res. Cent., Wildl. Res. Field Stn., 6924 Tremont Rd., Dixon, CA 95620] *Anas acuta* in California.

89-004707 Norman, James L. and Elizabeth Hayes. BLACK-BELLIED WHISTLING-DUCK: A NEW SPECIES FOR OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 21(4):25-26. 1988. WR 213
[502 N. 14th St., Muskogee, OK 74401] *Dendrocygna autumnalis.*

89-004708 Oliver, P. J. EARLY WING MOULT OF EIDERS. *Br. Birds* 82(2):71-72. 1989. WR 213
[The Bird Patch, Limpsfield Chart, Oxted, Surrey, England] *Somateria mollissima* in England.

89-004709 Pedersen, Michael Brinch. [SPRING MIGRATION OF COMMON SCOTERS ACROSS SOUTHWEST JUTLAND.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):51-53. 1988. In Danish with English summ. WR 213
[Centervej 11, 7190 Billund, Denmark] *Melanitta nigra* in Denmark.

89-004710 Raud, H. and J. M. Faure. [DESCRIPTIVE STUDY OF SEXUAL BEHAVIOUR OF MALE MUSCOVY DUCKS (*CAIRINA MOSCHATA*).] *Biol. Behav.* 13(4):175-189. 1988. In French with English summ. WR 213
[Grimaud Freres S.A., La Corbiere, F-49450 Roussay, France]

89-004711 Rawal, I. J.; L. N. Rao Bhau and P. C. Dutta. *BLASTOMYCES DERMATITIDIS* IN TUFTED POCHARD, *AYTHYA FULIGATA*. *Indian Vet. J.* 65(11):965-966. 1988. WR 213
[Mycol. Unit., Res. & Training Wing, Cent. Res. Inst., Kasauli-173 205 India]

89-004712 Rhymer, Judith Margaret. EXPERIMENTAL STUDY OF GEOGRAPHIC VARIATION IN REPRODUCTIVE AND DEVELOPMENTAL TRAITS OF MALLARD DUCKS. *Ph.D. dissertation, Fla. State Univ.* 96p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2992. 1989. Order No. DA8822468. WR 213
Anas platyrhynchos.

DUCKS (CONTINUED)

89-004713 Schneider, R.; A. Bilsing and M. Nichelmann. [OPEN-FIELD BEHAVIOUR OF MUSCOVY DUCKLINGS *(CAIRINA MOSCHATA)* - EFFECTS OF AGE AND REARING CONDITIONS.] *Monatsh. Veterinaermed.* 43(24):868-871. 1988. In German with English and Russian summ. WR 213
[Invalidenstr. 43, Berlin 1040, West Germany]

89-004714 Soutiere, Edward C. SURVIVAL RATES OF HAND-REARED MALLARDS RELEASED ON 2 PRIVATE FARMS. *J. Wildl. Manage.* 53(1):114-118. 1989. WR 213
[Remington Arms Co., Inc., Remington Farms, Chestertown, MD 21620] *Anas platyrhynchos*.

89-004715 Stephenson, R.; D. L. Turner and P. J. Butler. THE RELATIONSHIP BETWEEN DIVING ACTIVITY AND OXYGEN STORAGE CAPACITY IN THE TUFTED DUCK *(AYTHYA FULIGULA)*. *J. Exp. Biol.* 141:265-275. 1989. WR 213
[Dep. Zool., Univ. British Columbia, 6270 University Blvd., Vancouver, BC, Canada V6T 2A9]

89-004716 Thomson, D. L. and T. W. Dougall. THE STATUS OF BREEDING WIGEON IN ETTRICK FOREST. *Scott. Birds* 15(2):61-64. 1988. WR 213
[Trinity Manse, 8 Fenwick Park, Hawick TD9 9PA, Scotland] *Anas penelope* in Scotland.

89-004717 Tome, Michael W. SEARCH-PATH CHARACTERISTICS OF FORAGING RUDDY DUCKS. *Auk* 106(1):42-48. 1989. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Oxyura jamaicensis*.

89-004718 Tome, Michael W. OPTIMAL FORAGING: FOOD PATCH DEPLETION BY RUDDY DUCKS. *Oecologia (Berl.)* 76(1):27-36. 1988. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Oxyura jamaicensis*.

89-004719 Viksne, J. RESTORATION OF WATER LEVEL AND MANAGEMENT OF ISLANDS FOR NESTING DUCKS AT LAKE KANIERIS, LATVIAN SSR. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 123-127. 1982. WR 213
[Inst. Biol., Akad. Sci., 229021 Salaspils, Latvian SSR, USSR]

89-004720 Zoolick, Hans. [A FIRST BREEDING ATTEMPT OF THE EIDER (*SOMATERIA MOLLISSIMA*) ON THE EAST COAST OF THE LANGENWERDER ISLAND COASTAL BIRD PRESERVE NEAR POEL, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):343-344. 1986. In German. WR 213
[Muzartstr. 28, Rostock 5 DDR-2510, East Geramany]

89-004721 Zwank, Phillip J.; Paul M. McKenzie and E. Barry Moser. MOTTLED DUCK HABITAT USE AND DENSITY INDICES IN AGRICULTURAL LANDS. *J. Wildl. Manage.* 53(1):110-114. 1989. WR 213
[Coop. Fish & Wildl. Res. Unit, Dep. Zool., Okla. State Univ., Stillwater 74078] *Anas fulvigula* in Louisiana.

SWANS AND GEESE

89-004722 Aldrich, Tom. WHITE-FRONTED GEESE IN UTAH. *Utah Birds* 3(4):74. 1987. WR 213
[Div. Wildl. Resour., 1596 W. North Temple, Salt Lake City, UT 84116] *Anser albifrons frontalis* and *A. a. gambelli.*

89-004723 Bell, M. V.; J. Dunbar and J. Parkin. NUMBERS OF WINTERING PINK-FOOTED AND GREYLAG GEESE IN NORTH-EAST SCOTLAND 1950-1986. *Scott. Birds* 15(2):49-60. 1988. WR 213
[48 Newton Crescent, Dunblane, Perthshire FK15 0DZ, Scotland] *Anser anser* and *A. fabalis.*

89-004724 Best, Robert Gene. USE OF SATELLITE DATA FOR MONITORING PARAMETERS RELATED TO THE FOOD HABITS AND PHYSICAL CONDITION OF CANADA GEESE IN WISCONSIN DURING SPRING MIGRATION. *Ph.D. dissertation, Univ. Wis. (Madison)* 240p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2103. 1988. Order No. DA8813118. WR 213
Branta canadensis.

89-004725 Carlson, Steve. A ROSS' GOOSE IN MINNEAPOLIS. *Loon* 60(4):181-182. 1988. WR 213
[2705 Dupont Ave. S., Minneapolis, MN 55408] *Anser rossi* in Minnesota.

89-004726 Ciaccio, Andrea. [FIRST WINTERING RECORD OF BRENT GOOSE, *BRANTA BERNICLA*, IN SICILY.] *Riv. Ital. Ornitol.* 58(1-2):86-87. 1988. In Italian. WR 213
[Via Enna 15/A, 95128 Catania, Italy]

89-004727 Dick, Gerald. FEEDING BEHAVIOUR OF THE GREYLAG GOOSE (*ANSER ANSER*): A FIELD STUDY. *Ecol. Birds* 10(1):59-70. 1988. In English with German summ. WR 213
[Inst. Oko-Ethol., Altenburg 47, A-3573 Rosenburg, Austria]

89-004728 Dick, Gerald. HABITAT USE AND GROUP SIZE OF GREYLAG GEESE (*ANSER ANSER*) IN LAKE NEUSIEDL AREA. *Ecol. Birds* 10(1):71-77. 1988. In English with German summ. WR 213
[Inst. Oko-Ethol., Altenburg 47, A-3573 Rosenburg, Austria]

89-004729 Dorowin, Heinrich. [ON THE ORIGIN OF MUTE SWANS (*CYGNUS OLOR*) WINTERING IN UPPER AUSTRIA (LINZ, STEYR).] *Egretta* 29(1/2):37-45. 1986. In German with English summ. WR 213
[Schubertstr. 20, A-4020 Linz, Austria]

89-004730 Dorowin, Heinrich. [WHOOPER SWANS (*CYGNUS CYGNUS*) ON THE ENNS IN UPPER AUSTRIA.] *Egretta* 28(1/2):64-65. 1985. In German. WR 213
[Schubertstr. 29, A-4020 Linz, Austria]

89-004731 Dvorak, Michael and Peter Sackl. [A SNOW GOOSE (*ANSER CAERULESCENS*) IN THE BLUE PHASE AT SEEWINKEL, AUSTRIA.] *Egretta* 28(1/2):63-64. 1985. In German. WR 213
[Goldschlagstr. 107/1/4/8, A-1150 Vienna, Austria]

89-004732 Ely, Craig R. and Dennis G. Raveling. BODY COMPOSITION AND WEIGHT DYNAMICS OF WINTERING GREATER WHITE-FRONTED GEESE. *J. Wildl. Manage.* 53(1):80-87. 1989. WR 213
[U.S. Fish & Wildl. Serv., Fish & Wildl. Res. Cent., 1011 E. Tudor Rd., Anchorage, AK 99503] *Anser albifrons frontalis* in Oregon and California.

SWANS AND GEESE (CONTINUED)

89-004733 Fog, M. BAITING AS A MEANS OF PREVENTING CROP DAMAGE BY PINK-FOOTED GEESE *ANSER BRACHYRHYNCHUS* AT VEST-STADIL FJORD, DENMARK. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 233-234. 1982. WR 213
[Game Biol. Stn., Kalo, DK 8410 Ronde, Denmark]

89-004734 Hardy, Joel D. and Thomas C. Tacha. AGE-RELATED RECRUITMENT OF CANADA GEESE FROM THE MISSISSIPPI VALLEY POPULATION. *J. Wildl. Manage.* 53(1):97-98. 1989. WR 213
[Coop. Wildl. Res. Lab., South. Ill. Univ., Carbondale 62901] *Branta canadensis interior*.

89-004735 Hestbeck, Jay B. and Richard A. Malecki. ESTIMATED SURVIVAL RATES OF CANADA GEESE WITHIN THE ATLANTIC FLYWAY. *J. Wildl. Manage.* 53(1):91-96. 1989. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Branta canadensis*.

89-004736 Holz, Rainer and Dietrich Sellin. [SOCIAL-SPECIFIC DISTRIBUTION OF INDIVIDUALS IN FLOCKS OF WHITE-FRONTED GEESE (*ANSER A. ALBIFRONS* SCOP. 1769).] *Ecol. Birds* 10(1):1-11. 1988. In German with English summ. WR 213
[Inst. Landschaftsforschung & Naturschutz, Arbeitsgruppe Greifswald, St. Georgsfeld 12, 2200 Greifswald, East Germany]

89-004737 Kampp, Kaj; A. D. Fox and David A. Stroud. MORTALITY AND MOVEMENTS OF THE GREENLAND WHITE-FRONTED GOOSE *ANSER ALBIFRONS FLAVIROSTRIS*. *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):25-36. 1988. In English with Danish summ. WR 213
[Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark]

89-004738 Kharitonov, S. P. [ETHOLOGICAL STRUCTURE OF THE LOCAL GROUP IN THE COLONY OF SNOW GOOSE (*ANSER CAERULESCENS*).] *Zool. Zh.* 67(10):1530-1537. 1988. In Russian with English summ. WR 213
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

89-004739 Kneedy, Craig. IN SEARCH OF THE WHITE-FRONTED GOOSE. *Utah Birds* 3(4):75-79. 1987. WR 213
[314 S. 4500 W., West Point, UT 84105] *Anser albifrons frontalis* in Utah.

89-004740 Kohler, D. [MUTE SWAN (*CYGNUS OLOR*) AS AN EGG THIEF.] *Beitr. Vogelkd.* 32(5/6):327-328. 1986. In German. WR 213
[Wilhelm-Pieck-Str. 97, Berlin DDR-1054, East Germany]

89-004741 Lank, D. B.; E. G. Cooch; R. F. Rockwell and F. Cooke. ENVIRONMENTAL AND DEMOGRAPHIC CORRELATES OF INTRASPECIFIC NEST PARASITISM IN LESSER SNOW GEESE *CHEN CAERULESCENS CAERULESCENS*. *J. Anim. Ecol.* 58(1):29-45. 1989. WR 213
[Dep. Biol., Queen's Univ., Kingston, ON, Canada K7L 3N6]

89-004742 Macready, Bronwyn. BREEDING MAGPIE GEESE (*ANSERANA SEMIPALMATA*) AT HEALESVILLE SANCTUARY. *Thylacinus* 13(3):12-15. 1988. WR 213

SWANS AND GEESE (CONTINUED)

89-004743 McCormick, Kevin J. and Bert Poston. LESSER SNOW GEESE, *ANSER C. CAERULESCENS*, NESTING ON JENNY LIND ISLAND, NORTHWEST TERRITORIES. *Can. Field-Nat.* 102(3):530-532. 1988. WR 213
[Canadian Wildl. Serv., Yellowknife, NT, Canada X1A 2N5]

89-004744 McKelvey, Richard W.; Kevin J. McCormick and Leonard J. Shandruk. THE STATUS OF TRUMPETER SWANS, *CYGNUS BUCCINATOR*, IN WESTERN CANADA, 1985. *Can. Field-Nat.* 102(3):495-499. 1988. WR 213
[Canadian Wildl. Serv., Box 340, Delta, BC, Canada V4K 3Y3]

89-004745 Moser, Amy J. and Thomas C. Tacha. HABITAT USE BY CANADA GEESE IN THE KASKASKIA RIVER VALLEY OF ILLINOIS. *Trans. Ill. State Acad. Sci.* 81(3-4):279-282. 1988. WR 213
[Dep. Zool., Coop. Wildl. Res. Lab., South. Ill. Univ., Carbondale 62901] *Branta canadensis*.

89-004746 Owen, M. MANAGEMENT OF SUMMER GRAZING AND WINTER DISTURBANCE ON GOOSE PASTURE AT SLIMBRIDGE, ENGLAND. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 67-72. 1982. WR 213
[Wildfowl Trust, Slimbridge, Glos. GL2 7BT, England]

89-004747 Quinn, Thomas William. DNA SEQUENCE VARIATION IN THE LESSER SNOW GOOSE, *ANSER CAERULESCENS CAERULESCENS*. *Ph.D. dissertation, Queen's Univ. Kingston (Canada)* 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3577. 1989. WR 213

89-004748 Raveling, Dennis G. NEST-PREDATION RATES IN RELATION TO COLONY SIZE OF BLACK BRANT. *J. Wildl. Manage.* 53(1):87-90. 1989. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Branta bernicla nigricans* and *Alopex lagopus* in Alaska.

89-004749 Ringler, Robert F. BARNACLE GOOSE IN MARYLAND. *Md. Birdlife* 44(2):35-37. 1988. WR 213
[6272 Pinyon Pine Ct., Eldersburg, MD 21784] *Branta leucopsis*.

89-004750 Schwanke, Werner and Erich Rutschke. [ON THE ACOUSTIC COMMUNICATION OF THE GREYLAG GOOSE (*ANSER ANSER* L.) WITH REFERENCE TO INDIVIDUAL RECOGNITION.] *Beitr. Vogelkd.* 34(2/3):101-110. 1988. In German with English summ. WR 213
[Villa Liegnitz, Potsdam-Sanssouci DDR-1500, East Germany]

89-004751 Tofft, Jesper and Knud Nielsen. [BROOD SIZE AND FREQUENCY OF POLISH MORPH IN MUTE SWANS BREEDING IN SOUTHERN JUTLAND, DENMARK.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):55-56. 1988. In Danish with English summ. WR 213
[Sjaellandsgade 42, 2. th, 6700 Esbjerg, Denmark] *Cygnus olor*.

LOONS AND GREBES

89-004752 Bernoni, Mauro; Fernando Di Fabrizio; Mario Pellegrini and Massimo Pellegrini. [THE BREEDING OF GREAT CRESTED GREBE, *PODICEPS CRISTATUS*, IN ABRUZZO (CENTRAL ITALY).] *Riv. Ital. Ornitol.*

LOONS AND GREBES (CONTINUED)

89-004752 CONTINUED 58(1-2):81-84. 1988. In Italian with English summ. WR 213
[Cent. Studi Ecol. Appenninici Parco Nazl. Abruzzo, 57032 Pescasseroli, L'Aquila, Italy]

89-004753 Beschow, Ronald and Bernd Litzkow. [A COMMON LOON *(GAVIA IMMER)* IN NORTHWESTERN LOWER LUSATIA, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):111-116. 1988. In German. WR 213
[Herderstr. 40, Cottbus DDR-7513, East Germany]

89-004754 Dulin, Gary Stephen. PRE-FLEDGLING FEEDING BEHAVIOR AND SIBLING RIVALRY IN THE COMMON LOON *(GAVIA IMMER)*. *M.S. thesis, Cent. Mich. Univ.* 105p. 1988. From Masters Abstr. Int. 26(4):398. 1988. Order No. MA1333050. WR 213

89-004755 Evrard, James O. NESTING RED-NECKED GREBES IN ST. CROIX COUNTY, WISCONSIN. *Passenger Pigeon* 50(4):291-295. 1988. WR 213
[Bur. Res., Dep. Nat. Resour., Box 61, Baldwin, WI 54002] *Podiceps grisegena.*

89-004756 Jakobsen, Bent. [THE OCCURRENCE OF GREBES AT BLAVANDSHUK 1963-1977.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):1-6. 1988. In Danish with English summ. WR 213
[Blavand Fuglestn., 6857 Blavand, Denmark] *Tachybaptus ruficollis, Podiceps auritus,* and *P. nigricollis* in Denmark.

89-004757 Kienholz, Don. TWO RED-THROATED LOONS ON LAKE SUPERIOR. *Loon* 60(4):186. 1988. WR 213
[1660 Martin Rd., Duluth, MN 55803] *Gavia stellata* in Minnesota.

89-004758 Lammi, Esa and Johan Ulfvens. DIVING TIMES AND FEEDING SUCCESS IN THE GREAT CRESTED GREBE *PODICEPS CRISTATUS* IN A LAKE AND ARCHIPELAGO IN FINLAND. *Memo. Soc. Fauna Flora Fenn.* 64(4):169-172. 1988. In English with Finnish summ. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

89-004759 North, Michael R. and Mark R. Ryan. YELLOW-BILLED LOON, *GAVIA ADAMSII*, BREEDING CHRONOLOGY AND REPRODUCTIVE SUCCESS IN ARCTIC ALASKA. *Can. Field-Nat.* 102(3):485-490. 1988. WR 213
[Zool. Dep., N.D. State Univ., Fargo 58105]

89-004760 Paolillo, Giuseppe. [ALBINISM IN LITTLE GREBE, *TACHYBAPTUS RUFICOLLIS*, AND BLACK-NECKED GREBE, *PODICEPS NIGRICOLLIS*.] *Riv. Ital. Ornitol.* 58(1-2):84. 1988. In Italian. WR 213
[Via M. Salomone 292, 88026 Pizzo, Catanzaro, Italy]

89-004761 Patzold, Walter. [ON REPORTS OF BREEDING OF THE ARCTIC LOON *(GAVIA ARCTICA)* ON PARSTEINER SEA, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):198-199. 1988. In German. WR 213
[Max-Reimann-Str. 16, Eberswalde-Finow 3 DDR-1307, East Germany]

89-004762 Piersma, T.; R. Lindeboom and M. R. van Eerden. FORAGING RHYTHM OF GREAT CRESTED GREBES *PODICEPS CRISTATUS* ADJUSTED TO DIEL VARIATIONS IN THE VERTICAL DISTRIBUTION OF THEIR PREY *OSMERUS EPERLANUS* IN A SHALLOW EUTROPHIC LAKE IN THE NETHERLANDS. *Oecologia (Berl.)* 76(4):481-486. 1988. WR 213
[Zool. Lab., Univ. Groningen, P.O. Box 14, 9750 AA Haren, Netherlands]

LOONS AND GREBES (CONTINUED)

89-004763 Reiser, Mary Hildegard. EFFECTS OF REGULATED LAKE LEVELS ON THE REPRODUCTIVE SUCCESS, DISTRIBUTION AND ABUNDANCE OF THE AQUATIC BIRD COMMUNITY IN VOYAGEURS NATIONAL PARK, MINNESOTA. *Ph.D. dissertation, North. Ariz. Univ.* 123p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2991-2992. 1989. Order No. DA8825299. WR 213

89-004764 Schonert, Bernhard. [OBSERVATION OF A COMMON LOON (*GAVIA IMMER*) ON THE MUEGGELSEE IN BERLIN, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):317-322. 1986. In German. WR 213
[Hans-Loch-Str. 263, Berlin DDR-1136, East Germany]

89-004765 Strong, Paul I. V. CHANGES IN WISCONSIN'S COMMON LOON POPULATION. *Passenger Pigeon* 50(4):287-290. 1988. WR 213
[Sigurd Olson Environ. Inst., Northland Coll., Ashland, WI 54806] *Gavia immer*.

89-004766 Strong, Paul I. V. and John A. Bissonette. FEEDING AND CHICK-REARING AREAS OF COMMON LOONS. *J. Wildl. Manage.* 53(1):72-76. 1989. WR 213
[Siguard Olson Environ.-Inst., Northland Coll., Ashland, WI 54806] *Gavia immer* in Maine.

89-004767 Ulfvens, Johan. NEST CHARACTERISTICS AND NEST SURVIVAL IN THE HORNED GREBE *PODICEPS AURITUS* AND GREAT CRESTED GREBE *PODICEPS CRISTATUS* IN A FINNISH ARCHIPELAGO. *Ann. Zool. Fenn.* 25(4):293-298. 1988. WR 213
[Nat. & Miljo, Sjomansgatan 35, SF-00150 Helsinki, Finland]

SHOREBIRDS, MARSHBIRDS, AND ALLIES

89-004768 Andrews, Ralph. RECOVERY PLAN FOR THE ENDANGERED ROSEATE TERN IN THE NORTHEAST. *Colon. Waterbird Soc. Newsl.* 12(2):23. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., One Gateway Cent., Newton Corner, MA 02158] *Sterna dougallii*.

89-004769 Arendt, Wayne J. RANGE EXPANSION OF THE CATTLE EGRET (*BUBULCUS IBIS*) IN THE GREATER CARIBBEAN BASIN. *Colon. Waterbirds* 11(2):252-262. 1988. WR 213
[U.S. For. Serv., Call Box 25000, Rio Piedras, PR 00928-2500]

89-004770 Asbirk, Sten. [THE BREEDING POPULATION OF KITTIWAKES *RISSA TRIDACTYLA* IN DENMARK 1977-1987.] *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):133-134. 1988. In Danish with English summ. WR 213
[Skov- & Naturstyrelsen, Slotsmarken 13, 2970 Horsholm, Denmark]

89-004771 Atwood, Jonathan L. and Barbara A. Hamilton. SEXUAL DIMORPHISM IN LEAST TERNS. *Colon. Waterbird Soc. Newsl.* 12(2):23. 1988. Abstract only. WR 213
[Manomet Bird Observ., Box 936, Manomet, MA 02345] *Sterna antillarum*.

89-004772 Backstrom, Parker. SPRINGTIME JOURNEY OF A MINNESOTA MIGRANT. *Loon* 60(4):178-179. 1988. WR 213
[5420 Mt. Normandale Dr., Bloomington, MN 55437] *Calidris minutilla* in Minnesota.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004773 Baines, David. THE EFFECTS OF IMPROVEMENT OF UPLAND, MARGINAL GRASSLANDS ON BREEDING WADERS (CHARADRIIFORMES) AND INVERTEBRATES. *Ph.D. dissertation, Univ. Durham (United Kingdom)* 189p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2037. 1988. Order No. BRD-82373. WR 213
Gallinago gallinago, *Vanellus vanellus*, *Tringa totanus*, and *Numenius* sp. in England.

89-004774 Bassett, J.; G. W. Johnstone and E. J. Woehler. KELP GULLS *LARUS DOMINICANUS* IN THE ANTARCTIC PACK ICE AND AT AUSTRALIAN ANTARCTIC STATIONS. *Emu* 88(4):258-259. 1988. WR 213
[Woehler: Antarctic Div., Dep. Arts, Sport, Environ., Tourism & Territories, Channel Hwy., Kingston, Tasm. 7050, Australia]

89-004775 Bayer, Range D. NEARSHORE FLIGHTS OF SEABIRDS PAST YAQUINA ESTUARY, OREGON, DURING THE 1982 AND 1983 SUMMERS. *West. Birds* 16(4):169-173. 1985. WR 213
[P.O. Box 1467, Newport, OR 97365] *Uria aalge*.

89-004776 Beck, Ruth A.; J. William Akers; Jerry W. Via and Bill Williams. STATUS AND DISTRIBUTION OF THE LEAST TERN IN VIRGINIA - 1975-1988. *Colon. Waterbird Soc. Newsl.* 12(2):24. 1988. Abstract only. WR 213
[Biol. Dep., Coll. William & Mary, Williamsburg, VA 23185] *Sterna antillarum*.

89-004777 Becker, Peter H. and Andreas Anlauf. [NEST SITE CHOICE AND BREEDING SUCCESS OF MARSH NESTING COMMON TERNS (*STERNA HIRUNDO*). I. NEST DENSITY.] *Ecol. Birds* 10(1):27-43. 1988. In German with English summ. WR 213
[Inst. Vogelforschung, An der Vogelwarte 21, D-2940 Wilhelmshaven 15, West Germany]

89-004778 Becker, Peter H. and Andreas Anlauf. [NEST SITE CHOICE AND BREEDING SUCCESS OF MARSH NESTING COMMON TERNS (*STERNA HIRUNDO*). II. FLOODING.] *Ecol. Birds* 10(1):45-58. 1988. In German with English summ. WR 213
[Inst. Vogelforschung, An der Vogelwarte 21, D-2940 Wilhelmshaven 15, West Germany]

89-004779 Bennett, Alan J. and Laurel A. Bennett. WINTERING POPULATION OF GREATER SANDHILL CRANES IN THE OKEFENOKEE SWAMP, GEORGIA. *Wilson Bull.* 101(1):87-93. 1989. WR 213
[N6084 Bennetts Rd., Horicon, WI 53032] *Grus canadensis tabida*.

89-004780 Bennett, Alan J. POPULATION SIZE AND DISTRIBUTION OF FLORIDA SANDHILL CRANES IN THE OKEFENOKEE SWAMP, GEORGIA. *J. Field Ornithol.* 60(1):60-67. 1989. In English with Spanish summ. WR 213
[N6084 Bennetts Rd., Horicon, WI 53032] *Grus canadensis pratensis*.

89-004781 Berg, Hans-Martin and Andreas Ranner. [THE COMMON GULL (*LARUS CANUS*) AS A BREEDING BIRD IN SEEWINKEL, AUSTRIA.] *Egretta* 28(1/2):68-69. 1985. In German. WR 213
[Khevenhullerstr. 2, A-1180 Vienna, Austria]

89-004782 Bjork, Robin and George V. N. Powell. POST-FLEDGLING DISPERSAL OF *ARDEA HERODIAS OCCIDENTALIS* IN SOUTH FLORIDA. *Colon. Waterbird Soc. Newsl.* 12(2):24. 1988. Abstract only. WR 213

89-004782 CONTINUED
[Res. Dep., Natl. Audubon Soc., 115 Indian Mound Trail, Tavernier, FL 33070]

89-004783 Blokpoel, H. and J. Struger. CHERRY DEPREDATION BY RING-BILLED GULLS, *LARUS DELAWARENSIS,* IN THE NIAGARA PENINSULA, ONTARIO. *Can. Field-Nat.* 102(3):430-433. 1988. WR 213
[Canadian Wildl. Serv., Ontario Region, 1725 Woodward Dr., Ottawa, ON, Canada K1A 0H3]

89-004784 Boates, John Sherman. FORAGING AND SOCIAL BEHAVIOUR OF THE OYSTERCATCHER *HAEMATOPUS OSTRALEGUS* IN RELATION TO DIET SPECIALIZATION. *Ph.D. dissertation, Univ. Exeter (United Kingdom)* 205p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2522-2523. 1989. Order No. BRDX82770. WR 213

89-004785 Bock, K. R. and R. D. Medland. WHITE-BACKED NIGHT HERON, *NYCTICORAX LEUCONOTUS,* ADOPTING "BITTERN" POSTURE. *Nyala* 12(1/2):76. 1988. WR 213
[P.O. Box 30370, Lilongwe 3, Malawi]

89-004786 Bristow, Phil. RING-BILLED GULLS APPARENTLY FEEDING ON GULLS' DROPPINGS. *Br. Birds* 82(2):77. 1989. WR 213
[10 Lisvane St., Cathays, Cardiff, South Glamorgan CF2 4LL, Wales] *Larus delawarensis* in Wales.

89-004787 Brittingham, William A. AGE-RELATED DIFFERENCES IN FORAGING BEHAVIOR OF HERRING GULLS. *Colon. Waterbird Soc. Newsl.* 12(2):41. 1988. Abstract only. WR 213
[Manomet Bird Observ., Box 936, Manomet, MA 02345] *Larus argentatus* in Massachusetts.

89-004788 Brooke, R. K. and C. J. Vernon. HISTORICAL RECORDS OF THE WATTLED CRANE *BUGERANUS CARUNCULATUS* (GMELIN) IN THE CAPE PROVINCE AND THE ORANGE FREE STATE, SOUTH AFRICA. *Ann. Cape Prov. Mus. Nat. Hist.* 16(Part 15):363-371. 1988. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

89-004789 Brown, Patti Powers and Stanley W. Harris. FOODS FOUND IN 103 RED-NECKED PHALAROPES. *West. Birds* 19(2):79-80. 1988. WR 213
[560 Wolf Creek, Bigfork, MT 59911] *Phalaropus lobatus* in California.

89-004790 Brown, R. G. B. OCEANOGRAPHIC FACTORS AS DETERMINANTS OF THE WINTER RANGE OF THE DOVEKIE (*ALLE ALLE*) OFF ATLANTIC CANADA. *Colon. Waterbirds* 11(2):176-180. 1988. WR 213
[Canadian Wildl. Serv., Bedford Inst. Oceanogr., P.O. Box 1006, Dartmouth, NS, Canada B24 4A2]

89-004791 Bryan, Larry and Malcolm Coulter. NEST INITIATION PATTERNS AND AGGRESSION OBSERVED IN THE BIRDSVILLE WOOD STORK COLONY, 1987-1988. *Colon. Waterbird Soc. Newsl.* 12(2):25. 1988. Abstract only. WR 213
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29802] *Mycteria americana.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004792 Buchanan, Joseph B. THE ABUNDANCE AND MIGRATION OF SHOREBIRDS AT TWO PUGET SOUND ESTUARIES. *West. Birds* 19(2):69-78. 1988. WR 213
[Cascadia Res. Collective, 218 1/2 W. Fourth Ave., Olympia, WA 98501]

89-004793 Burger, Joanna and Michael Gochfeld. SOCIAL FACILITATION AND SYNCHRONY IN BLACK SKIMMERS. *Colon. Waterbird Soc. Newsl.* 12(2):25. 1988. Abstract only. WR 213
[Dep. Biol., Rutgers Univ., Piscataway, NJ 08854] *Rynchops niger*.

89-004794 Burkholder, Gary L. and Dwight G. Smith. NESTING ECOLOGY OF GREAT BLUE HERONS (*ARDEA HERODIAS*) AT THE KNOX LAKE HERONRY. *Ohio J. Sci.* 89(2):43-44. 1989. Abstract only. WR 213
[Mount Vernon Nazarene Coll., Mount Vernon, OH 43050]

89-004795 Busetto, Elia Maurizio and Ezio Gargioni. [AUTUMN OBSERVATION OF CRANE, *GRUS GRUS*, IN LOMBARDY (N. ITALY).] *Riv. Ital. Ornitol.* 58(1-2):89-90. 1988. In Italian with English summ. WR 213
[Via Alighieri 30, 25062 Concesio, Brescia, Italy]

89-004796 Buxton, Nigel E. REDSHANKS IN THE WESTERN ISLES OF SCOTLAND. *Ringing Migr.* 9(3):146-152. 1988. WR 213
[Nat. Conserv. Council, Achantoul, Aviemore, Invernessshire, Scotland] *Tringa totanus*.

89-004797 Byrkjedal, Ingvar. NEST HABITAT AND NESTING SUCCESS OF LESSER GOLDEN-PLOVERS. *Wilson Bull.* 101(1):93-96. 1989. WR 213
[Mus. Zool., Univ. Bergen, N-5007 Bergen, Norway] *Pluvialis dominica* in Canada.

89-004798 Carlson, Steve. A RUFF AT FRENCH LAKE. *Loon* 60(4):181. 1988. WR 213
[2705 Dupont Ave. S., Minneapolis, MN 55408] *Philomachus pugnax* in Minnesota.

89-004799 Castelijns, Henk; Eric C. L. Marteijn; Bernard Krebs and Guido Burggraeve. [WINTERING RUFFS *PHILOMACHUS PUGNAX* IN SW. NETHERLANDS AND NW. BELGIUM.] *Limosa* 61(3/4):119-124. 1988. In Dutch with English summ. WR 213
[Kasteelstr. 25, 4553 BA Philippine, Netherlands]

89-004800 Cayford, John Trevor. THE FORAGING BEHAVIOUR OF OYSTERCATCHERS (*HAEMATOPUS OSTRALEGUS*) FEEDING ON MUSSELS (*MYTILUS EDULIS*). *Ph.D. dissertation, Univ. Exeter (United Kingdom)* 359p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2452. 1989. Order No. BRDX82772. WR 213

89-004801 Cecil, Robert. PURPLE GALLINULE IN DES MOINES COUNTY. *Iowa Bird Life* 58(4):115. 1988. WR 213
[327 S. 6th St., Keakuk, IA 52632] *Porphyrio porphyrio* in Iowa.

89-004802 Cezilly, Frank and Vincent Boy. [POSTURAL ADJUSTMENT AND FORAGING EFFICIENCY IN THE LITTLE EGRET *EGRETTA GARZETTA*.] *Rev. Ecol. Terre Vie* 44(1):95-102. 1989. In French with English summ. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004803 Cezilly, Frank. COMPETITIVE FORAGING AND HABITAT MATCHING IN HERRING GULLS. *Colon. Waterbird Soc. Newsl.* 12(2):25. 1988. Abstract only. WR 213

[Stn. Biol., La Tour Valat, Le Sambuc F-13200 Arles, France] *Larus argentatus.*

89-004804 Cezilly, Frank; Vincent Boy and Lew Young. PREY-SELECTION UNDER THE PREMISE OF ENERGY MAXIMIZATION: AN EXPERIMENTAL TEST IN THE LITTLE EGRET (*EGRETTA GARZETTA*). *Colon. Waterbirds* 11(2):315-317. 1988. In English with Spanish summ. WR 213

[Stn. Biol. Tour du Valat, Le Sambuc, 13200 Arles, France]

89-004805 Chang Jiachuan and Li Pingjun. [COMPARISON OF THE STERNUM AND THE PECTORAL GIRDLE IN FOUR SPECIES OF CRANES.] *Acta Zool. Sin.* 34(1):82-85. 1988. In Chinese with English summ. WR 213

[Dep. Wildl., Northeast For. Univ., Haerbin, China] *Grus japonensis, G. monacha, G. vipio,* and *G. leucogeranus.*

89-004806 Collins, Charles T.; William A. Schew and Esther Burkett. RANGE EXTENSIONS OF TERNS AND BLACK SKIMMERS IN SOUTHERN CALIFORNIA. *Colon. Waterbird Soc. Newsl.* 12(2):25. 1988. Abstract only. WR 213

[Dep. Biol., Calif. State Univ., Long Beach 90840] *Sterna elegans, S. maxima,* and *Rynchops niger.*

89-004807 Cooke, Richard G. and Mark Bush. OUT-OF-SEASON RED-NECKED PHALAROPES IN CENTRAL PANAMA. *J. Field Ornithol.* 60(1):39-42. 1989. In English with Spanish summ. WR 213

[Smithsonian Trop. Res. Inst., Panama APO, Miami, FL 34002-0011] *Phalaropus lobatus.*

89-004808 Corben, Chris and Greg Czechura. A FRANKLIN'S GULL AT REDCLIFFE, SOUTH-EASTERN QUEENSLAND. *Aust. Birds* 21(4):100-103. 1988. WR 213

[Dep. For., 80 Meiers Rd., Indooroopilly, Qld. 4068, Australia] *Larus pipixcan* in Australia.

89-004809 Corben, Chris. A FOURTH AUSTRALIAN RECORD OF SABINE'S GULL. *Aust. Birds* 21(4):91-93. 1988. WR 213

[Dep. For., 80 Meiers Rd., Indooroopilly, Qld. 4068, Australia] *Xema sabini.*

89-004810 Coulter, Malcolm C. CHANGES IN TIME BUDGETS DURING REPRODUCTION IN RELATION TO VARIATION IN FOOD AVAILABILITY FOR WOOD STORKS IN EAST-CENTRAL GEORGIA. *Colon. Waterbird Soc. Newsl.* 12(2):26. 1988. Abstract only. WR 213

[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29802] *Mycteria americana.*

89-004811 Custer, Thomas W. EGG SIZE AND LAYING ORDER IN BLACK-CROWNED NIGHT-HERONS, SNOWY EGRETS, AND GREAT EGRETS. *Colon. Waterbird Soc. Newsl.* 12(2):26. 1988. Abstract only. WR 213

[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Gulf Coast Res. Stn., P.O. Box 2506, Victoria, TX 77902] *Egretta thula, E. alba,* and *Nycticorax nycticorax* in Texas.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004812 Dathe, Heinrich and Wolfgang Grummt. [THE LONG-TAILED JAEGER *(STERCORARIUS LONGICAUDUS)* IN BERLIN, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):61-62. 1986. In German. WR 213
[Am Tierpark 125, DDR-1136 Berlin, East Germany]

89-004813 de Naurois, Rene. [THE CAPE VERDE ISLAND PURPLE HERON *ARDEA (PURPUREA) BOURNEI*; A SANTIAGO ISLAND ENDEMIC.] *Alauda* 56(3):261-268. 1988. In French with English summ. WR 213
[2 allee Daims, 91800 Brunoy, France]

89-004814 De Schutter, Geoffroy. [LEUCISTIC HERRING GULL *(LARUS ARGENTATUS)*.] *Aves* 25(2):131-135. 1988. In French. WR 213
[Unite Ecol. & Biogeogr., U.C.L., 5 place Croix-du-Sud, B-1348 Louvain-la-Neuve, Belgium]

89-004815 De Schutter, Geoffroy. [IDENTIFICATION OF LARGE GÚLLS IN BELGIUM.] *Aves* 25(2):77-106. 1988. In French with Dutch, German, and English summ. WR 213
[Unite Ecol. & Biogeogr., U.C.L., 5 place Croix-du-Sud, B-1348 Louvain-la-Neuve, Belgium] *Larus argentatus*, *L. cachinnans*, *L. fuscus*, and *L. marinus*.

89-004816 Dein, F. Joshua and Douglas E. Docherty. MANAGEMENT CONSIDERATIONS FOR INCLUSION BODY DISEASE OF CRANES. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 494-496. 1988. WR 213
[Natl. Wildl. Health Res. Cent., U.S. Fish & Wildl. Serv., 6006 Schroeder Rd., Madison, WI 53711]

89-004817 Delany, Michael F. and Allan R. Woodward. GREAT BLUE HERONS TRAPPED IN ALGAE. *Fla. Field Nat.* 16(4):96. 1988. WR 213
[Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601] *Ardea herodias* in Florida.

89-004818 Dempsey, Joanne. BLACK-LEGGED KITTIWAKE AT HASTINGS. *Loon* 60(4):187-188. 1988. WR 213
[1017 W. 14th St., Hastings, MN 55033] *Rissa tridactyla* in Minnesota.

89-004819 Depkin, F. Chris and Malcolm C. Coulter. WOOD STORK PREY IN EAST CENTRAL GEORGIA. *Colon. Waterbird Soc. Newsl.* 12(2):26. 1988. Abstract only. WR 213
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29802] *Mycteria americana*.

89-004820 Dick, Gerald and Peter Sackl. [UNUSUAL AUTUMN MIGRATION OF SANDERLINGS *(CALIDRIS ALBA)* IN EAST AUSTRIA.] *Egretta* 28(1/2):65-67. 1985. In German. WR 213
[Inst. Angewandte Oko-Ethol., Altenburg 47, A-3573 Rosenburg-Mold, Austria]

89-004821 Dinsp, Andrea. SOCIAL BEHAVIOR, PARENTAL CARE, AND CRECHING: A CHRONOLOGY OF DEVELOPMENT IN WHITE IBIS CHICKS. *Colon. Waterbird Soc. Newsl.* 12(2):42. 1988. Abstract only. WR 213
[Dep. Biol. Sci., Miss. State Univ., Mississippi State 39762] *Eudocimus albus* in South Carolina.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004822 Dittberner, Hartmut and Winfried Dittberner. [MIGRATION TO AND FROM HOME TERRITORY IN THE COMMON TERN *(STERNA HIRUNDO)* IN THE AREA OF BRANDENBURG, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):60. 1986. In German. WR 213
[Karlstr. 1, DDR-2330 Bergen, East Germany]

89-004823 Dittberner, Hartmut and Winfried Otto. [THE SKUA *STERCORARIUS SKUA* IN THE BERLIN AREA, EAST GERMANY, IN SPRING.] *Beitr. Vogelkd.* 32(5/6):332-334. 1986. In German. WR 213
[Karlstr. 1, Bergen DDR-2330, East Germany]

89-004824 Dodd, Andrew M.; Paul Holdsworth and Nick Goodyer. UNUSUAL FLIGHT-BATHING BEHAVIOUR BY GREENSHANKS. *Br. Birds* 82(1):28-29. 1989. WR 213
[16 Rise Park, Basildon, Essex SS15 5DZ, England] *Tringa nebularia* in England.

89-004825 Draulans, Dirk. THE IMPORTANCE OF HERONRIES FOR MATE ATTRACTION. *Ardea* 76(2):187-192. 1988. In English with Dutch summ. WR 213
[Inst. Nat. Conserv., Kiewitdreef 3, B-3500 Hasselt, Belgium]

89-004826 Duflon, Jean-Marc; Hubert Duperrex; Lionel Maumary and Olivier Mexin. [THE SLENDER-BILLED GULL, *LARUS GENEI*: A NEW ADDITION TO THE AVIFAUNA OF SWITZERLAND AND LAKE LEMAN.] *Nos Oiseaux* 39(8):418-419. 1988. In French. WR 213
[ch. Somais 7, CH-1009 Pully, Switzerland]

89-004827 Eades, D. W. and C. J. Corben. THE FIRST AUSTRALIAN RECORD OF THE BLACK-TAILED GULL. *Aust. Birds* 21(4):95-99. 1988. WR 213
[Royal Australasian Ornithol. Union, 21 Gladstone St., Moonee Ponds, Vic. 3039, Australia] *Larus crassirostris*.

89-004828 Eckert, Kim. AN UNUSUALLY PLUMAGED BONAPARTE'S GULL. *Loon* 60(4):187. 1988. WR 213
[9735 N. Shore Dr., Duluth, MN 55804] *Larus philadelphia* in Minnesota.

89-004829 Edelson, Naomi A. and Michael W. Collopy. FORAGING ECOLOGY OF WADING BIRDS NESTING AT LAKE HANCOCK, FLORIDA. *Colon. Waterbird Soc. Newsl.* 12(2):27. 1988. Abstract only. WR 213
[Dep. Wildl. & Range Sci., Univ. Fla., Gainesville 32611] *Egretta thula* and *Hydranassa caerulea*.

89-004830 Einsweiler, Sheila S. BLACK TERN NESTING BIOLOGY IN CHEBOYGAN COUNTY, MICHIGAN. *M.S. thesis, Cent. Mich. Univ.* 50p. 1988. From Masters Abstr. Int. 26(4):398. 1988. Order No. MA1333051. WR 213
Chlidonias nigra.

89-004831 Ellis, Kevin L. and James Haskins. UNUSUAL NEST SITE FOR GREATER SANDHILL CRANES IN COLORADO. *West. Birds* 16(4):185-186. 1985. WR 213
[Div. Wildl., 151 E. 16th St., Durango, CO 81301]

89-004832 Emlen, Stephen T.; Natalie J. Demong and Douglas J. Emlen. EXPERIMENTAL INDUCTION OF INFANTICIDE IN FEMALE WATTLED JACANAS. *Auk* 106(1):1-7. 1989. WR 213

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004832 CONTINUED
[Sect. Neurobiol. & Behav., Div. Biol. Sci., Cornell Univ., Ithaca, NY 14853] *Jacana jacana* in Panama.

89-004833 Emslie, S.; P. Henderson; H. C. Carter and D. G. Ainley. INTERANNUAL VARIATION IN TIMING OF BREEDING AND MOLT IN CASSIN'S AUKLETS (*PTYCHORAMPHUS ALEUTICUS*) ON S.E. FARALLON ISLAND, CALIFORNIA. *Colon. Waterbird Soc. Newsl.* 12(2):27. 1988. Abstract only. WR 213
[Point Reyes Bird Observ., 4900 Shoreline Hwy., Stinson Beach, CA 94970]

89-004834 Erwin, R. Michael; Jeff S. Hatfield and William A. Link. INDUSTRIAL-STRENGTH HERONS: THE BLACK-CROWNS OF BALTIMORE. *Colon. Waterbird Soc. Newsl.* 12(2):27. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Nycticorax nycticorax* in Maryland.

89-004835 Estoppey, Francois. [CONTRIBUTIONS TO THE BIOLOGY OF THE WOODCOCK (*SCOLOPAX RUSTICOLA* L.) IN JORAT (VAUD, SWITZERLAND) BY OBSERVATIONS AT DUSK.] *Nos Oiseaux* 39(8):397-416. 1988. In French with German and English summ. WR 213
[av. Acacias 12, CH-1008 Prilly, Switzerland]

89-004836 Ewins, Peter J. and David A. Kirk. THE DISTRIBUTION OF SHETLAND BLACK GUILLEMOTS *CEPPHUS GRYLLE* OUTSIDE THE BREEDING SEASON. *Seabird* 11:50-61. 1988. WR 213
[Dep. Zool., The University, Glasgow G12 8QQ, Scotland]

89-004837 Fall, Bruce A. DELETION OF MOUNTAIN PLOVER FROM MINNESOTA STATE LIST. *Loon* 60(4):146-148. 1988. WR 213
[4300 29th St. S., Minneapolis, MN 55406] *Charadrius montanus*.

89-004838 Fasola, Mauro; Raffaella Alieri and Armando Gariboldi. COLONY-SITE REQUIREMENTS AND HABITAT AVAILABILITY OF HERONS IN ITALY. *Colon. Waterbird Soc. Newsl.* 12(2):42. 1988. Abstract only. WR 213
[Dep. Biol. Anim., Pz., Botta 9, Pavia, Italy] *Nycticorax nycticorax*, *Egretta garzetta*, and *Ardea cinerea*.

89-004839 Fiedler, Georg. [STUDYING WHITE STORKS (*CICONIA CICONIA*) IN ISRAEL BY READING RINGS FROM A DISTANCE.] *Torgos* 7(2):5-10, 108-109. 1988. In Hebrew with English summ. WR 213

89-004840 Findholt, Scott L. THE RING-BILLED GULL: A REDISCOVERED NESTING SPECIES IN WYOMING. *West. Birds* 17(4):189-190. 1986. WR 213
[Wyo. State Training School, Lander 82520]

89-004841 Folk, Martin J. SANDHILL CRANES ROOSTING ON ICE IN NEBRASKA. *Prairie Nat.* 20(4):224. 1988. WR 213
[Coop. Wildl. Res. Lab. & Dep. Zool., South. Ill. Univ., Carbondale 62901] *Grus canadensis*.

89-004842 Forshaw, C. J. WHITE-BACKED NIGHT HERON, *NYCTICORAX LEUCONOTUS*, AT LILONGWE NATURE SANCTUARY. *Nyala* 12(1/2):75. 1988. WR 213
[P.O. Box 30368, Lilongwe 3, Malawi]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004843 Frederick, Peter C. and Michael W. Collopy. AN INVESTIGATION OF HUMAN DISTURBANCES IN WADING BIRD COLONIES: EFFECTS OF FREQUENCY AND DURATION OF VISITS, AND EGG MARKING ON REPRODUCTIVE SUCCESS. *Colon. Waterbird Soc. Newsl.* 12(2):28. 1988. Abstract only. WR 213
[Dep. Wildl. & Range Sci., 118 N-Z Hall, Univ. Fla., Gainesville 32611] *Hydranassa tricolor* in Florida.

89-004844 Fujimaki, Yuzo. [RECORDS OF *CICONIA CICONIA BOYCIANA* FROM HOKKAIDO, JAPAN.] *Jpn. J. Ornithol.* 37(1):37-38. 1988. In Japanese with English summ. WR 213
[Lab. Wildl. Resour. Ecol., Obihiro Univ. Agric. & Vet. Med., Inada, Obihiro 080, Japan]

89-004845 Galbraith, H. THE DIET OF LAPWING *VANELLUS VANELLUS* CHICKS ON SCOTTISH FARMLAND. *Ibis* 131(1):80-84. 1989. WR 213
[Nat. Conserv. Counc., 12 Hope Terrace, Edinburgh, Scotland]

89-004846 Gaston, A. J. TIMING OF BREEDING OF KITTIWAKES *RISSA TRIDACTYLA* AND GROWTH AND DIET OF THE CHICKS AT HANTZSCH ISLAND, N.W.T., CANADA. *Seabird* 11:3-11. 1988. WR 213
[Candaian Wildl. Serv., Ottawa, ON, Canada K1A 0H3]

89-004847 Gaston, Anthony J.; Richard D. Elliot and David G. Noble. PRELIMINARY RESULTS OF DEMOGRAPHIC STUDIES ON THICK-BILLED MURRES AT COATS ISLAND, N.W.T. *Colon. Waterbird Soc. Newsl.* 12(2):29. 1988. Abstract only. WR 213
[Canadian Wildl. Serv., Ottawa, ON, Canada K1A 0H3] *Uria lomvia.*

89-004848 Gavrilov, E. I. and E. Z. Bekbayev. [ASSESSMENT OF ENERGY RESOURCES IN LIVE WADERS OF SEVERAL SPECIES DURING THEIR AUTUMN MIGRATION.] *Zool. Zh.* 67(12):1901-1903. 1988. In Russian with English summ. WR 213
[Inst. Zool., Kazakh SSR Acad. Sci., Alma-Ata, USSR] *Phalaropus lobatus, Calidris minuta, Charadrius dubius,* and *C. alexandrinus* in the USSR.

89-004849 Gavrilov, V. V. TERRITORIAL DISTRIBUTION, DIURNAL ACTIVITY, TIME AND ENERGY BUDGET IN WOOD SANDPIPER MALES - *TRINGA GLAREOLA* (CHARADRIIDAE) DURING PRE-NESTING PERIOD. *Zool. Zh.* 67(10):1549-1560. 1988. In Russian with English summ. WR 213
[Inst. Dev. Biol., USSR Acad. Sci., Moscow, USSR]

89-004850 Gewalt, Wolfgang. [ONCE AGAIN: BLACK-HEADED GULLS (*LARUS RIDIBUNDUS*) PICK FRUIT.] *Beitr. Vogelkd.* 32(1):57-58. 1986. In German. WR 213
[Zool. Gart., Muelheimer Str. 273, D-4100 Duisburg 1, West Germany]

89-004851 Gibbons, David Wingfield. SEASONAL REPRODUCTIVE SUCCESS OF THE MOORHEN *GALLINULA CHLOROPUS*: THE IMPORTANCE OF MALE WEIGHT. *Ibis* 131(1):57-68. 1989. WR 213
[BTO, Beech Grove, Station Rd., Tring, Hertfordshire, England]

89-004852 Gilligan, Jeff; Owen Schmidt; Harry Nehls and David Irons. FIRST RECORD OF LONG-TOED STINT IN OREGON. *West. Birds* 18(2):126-128. 1987. WR 213
[26 N.E. 32nd Ave., Portland, OR 97232] *Calidris subminuta* in Oregon.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004853 Glassel, Raymond. RUFF AT GEIS LAKE, SCOTT COUNTY. *Loon* 60(4):181. 1988. WR 213
[8210 Wentworth Ave., Bloomington, MN 55420] *Philomachus pugnax* in Minnesota.

89-004854 Gray, D. A. and T. Erasmus. CONTROL OF RENAL AND EXTRARENAL SALT AND WATER EXCRETION BY PLASMA ANGIOTENSIN II IN THE KELP GULL (*LARUS DOMINICANUS*). *J. Comp. Physiol. B Biochem. Syst. Eviron. Physiol.* 158(6):651-660. 1989. WR 213
[Max-Planck-Inst., W.G. Kerckhoff-Inst., D-6350 Bad Nauheim, West Germany]

89-004855 Gray, David A. and Theunis Erasmus. PLASMA ARGININE VASOTOCIN, ANGIOTENSIN II, AND SALT GLAND FUNCTION IN FRESHWATER- AND SEAWATER-ADAPTED KELP GULLS (*LARUS DOMINICANUS*). *J. Exp. Zool.* 249(2):138-143. 1989. WR 213
[Max-Planck-Inst., W.G. Kerckhoff-Inst., D-6350 Bad Nauheim, West Germany]

89-004856 Greenwood, Julian G. SANDWICH TERNS APPARENTLY USING ROADS AS NAVIGATIONAL CUES. *Br. Birds* 82(3):117. 1989. WR 213
[Sci. Dep., Stranmillis Coll., Belfast BT9 5DY, Northern Ireland] *Sterna sandvicensis* in Northern Ireland.

89-004857 Guerra, Carlos G.; Lloyd C. Fitzpatrick; Roberto Aguilar and Barney J. Venables. REPRODUCTIVE CONSEQUENCES OF EL NINO-SOUTHERN OSCILLATION IN GRAY GULLS (*LARUS MODESTUS*). *Colon. Waterbirds* 11(2):170-175. 1988. WR 213
[Inst. Invest. Oceanol., Univ. Antofagasta, Antofagasta, Chile]

89-004858 Gunther, Mary R. CAPTIVE MANAGEMENT OF THE COMMON PUFFIN AT THE NATIONAL AQUARIUM IN BALTIMORE. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 421-425. 1988. WR 213
Fratercula arctica, *Alca torda*, and *Uria aalge*.

89-004859 Gupta, P. D. THE GREAT INDIAN BUSTARD, *CHORIOTIS NIGRICEPS* (VIGORS). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 309-313 1986. WR 213
[Zool. Surv. India, Jabalpur, M.P., India]

89-004860 Hafner, H. CREATION OF A BREEDING SITE FOR TREE-NESTING HERONS IN THE CAMARGUE, FRANCE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 216-220. 1982. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France] *Egretta garzetta*, *Ardeola ibis*, *A. ralloides*, and *Nycticorax nycticorax*.

89-004861 Hafner, Heinz and Jonathan P. Wallace. POPULATION CHANGES IN CAMARGUE ARDEIDS. THE EFFECT OF CLIMATIC CONDITIONS IN THE WINTERING AREAS. *Colon. Waterbird Soc. Newsl.* 12(2):29. 1988. Abstract only. WR 213
[Stn. Biol., La Tour Valat, Le Sambuc, F-13200 Arles, France] *Ardeola ibis*, *A. ralloides*, *Egretta garzetta*, and *Nycticorax nycticorax*.

89-004862 Haig, Susan; Jonathan Ballou and Scott Derrickson. EVALUATION OF MANAGEMENT OPTIONS FOR GUAM RAILS USING PEDIGREE DATA. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 507-510. 1988. WR 213
Rallus owstoni in Guam.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004863 Hamas, Michael J. DELAYED EGG LAYING BY KILLDEER IN NORTHEASTERN COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 22(4):137-139. 1988. WR 213
[Cent. Mich. Univ., Dep. Biol., Mount Pleasant 48859] *Charadrius vociferus.*

89-004864 Hampe, Hans; Eckart Schwarze and Wolfhard Haensckke. [THE SHORT-BILLED DOWITCHER (*LIMNODROMUS GRISEUS*) ON THE GUELPER SEA, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):334-335. 1986. In German. WR 213
[Amalienstr. 120, Dessau DDR-4500, East Germany]

89-004865 Harris, M. P. VARIATION IN THE CORRECTION FACTOR USED FOR CONVERTING COUNTS OF INDIVIDUAL GUILLEMOTS *URIA AALGE* INTO BREEDING PAIRS. *Ibis* 131(1):85-93. 1989. WR 213
[Inst. Terrestrial Ecol., Hill of Brathens, Banchory, Kincardineshire AB3 4BY, Scotland]

89-004866 Harrison, J. G. CREATING AND IMPROVING INLAND WADING BIRD HABITAT AT SEVENOAKS, ENGLAND. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 137-142. 1982. WR 213
Gallinago gallinago.

89-004867 Harvey, Thomas E. BREEDING BIOLOGY OF THE CALIFORNIA CLAPPER RAIL IN SOUTH SAN SRANCISCO BAY. *Trans. West. Sect. Wildl. Soc.* 24:98-104. 1988. WR 213
[U.S. Fish & Wildl. Serv., Hawaiian & Pac. Islands Natl. Wildl. Refuge, P.O. Box 50167, Honolulu, HI 96850] *Rattus norvegicus* and *Rallus longirostris obsoletus.*

89-004868 Hatchwell, B. J. INTRASPECIFIC VARIATION IN EXTRA-PAIR COPULATION AND MATE DEFENCE IN COMMON GUILLEMOTS *URIA AALGE. Behaviour* 107(3-4):157-185. 1988. WR 213
[Dep. Zool., Downing St., Cambridge CB2 3EJ, England]

89-004869 Heg, Dik. [WINTERING OF THE GREEN SANDPIPER *TRINGA OCHROPUS* AROUND NIJMEGEN.] *Limosa* 61(3/4):113-118. 1988. In Dutch with English summ. WR 213
[Passtr. 3, 5826 AL Groeningen, Netherlands]

89-004870 Hellmich, Joachim. [ON THE MATING BEHAVIOR OF THE KORI BUSTARD (*CHORIOTIS KORI*).] *Zool. Gart.* 58(5/6):345-352. 1988. In German. WR 213
[Hagener Berg 7, D-3057 Neustadt 1, West Germany]

89-004871 Herrmann, Christof and Rainer Holz. [ON THE MORTALITY OF THE RINGED PLOVER, *CHARADRIUS HIATICULA* - A COMPARISON OF METHODS.] *Ecol. Birds* 10(1):13-26. 1988. In German with English summ. WR 213
[Holz: Inst. Landschaftsforschung & Naturschutz, Arbeitsgruppe Greifswald, St. Georgsfeld 12, 2200 Greifswald, East Germany]

89-004872 Hicklin, Peter W.; Ronald G. Hounsell and George H. Finney. FUNDY PULL TRAP: A NEW METHOD OF CAPTURING SHOREBIRDS. *J. Field Ornithol.* 60(1):94-101. 1989. In English with Spanish summ. WR 213

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004872 CONTINUED
[Canadian Wildl. Serv., Atlantic Region, P.O. Box 1590, Sackville, NB, Canada E0A 3C0] *Calidris pusilla* in Canada.

89-004873 Hockey, P. A. R. KELP GULLS *LARUS DOMINICANUS* AS PREDATORS IN KELP *MACROCYSTIS PYRIFERA* BEDS. *Oecologia (Berl.)* 76(1):155-157. 1988. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

89-004874 Hulsman, Kees and Geoffrey Smith. BIOLOGY AND GROWTH OF THE BLACK-NAPED TERN *STERNA SUMATRANA*: AN HYPOTHESIS TO EXPLAIN THE RELATIVE GROWTH RATES OF INSHORE, OFFSHORE AND PELAGIC FEEDERS. *Emu* 88(4):234-242. 1988. WR 213
[Div. Australian Environ. Studies, Griffith Univ., Nathan, Qld. 4111, Australia]

89-004875 Huppop, O. SEASONAL CHANGES OF ERYTHROCYTE NUMBERS AND HAEMOGLOBIN CONTENT IN THE BLOOD OF HERRING GULLS *LARUS ARGENTATUS*. *Seabird* 11:12-16. 1988. WR 213
[Inselstn. Helgoland Inst. Vogelforschung, "Vogelwarte Helgoland", Postfach 1220, D-2192 Helgoland, West Germany]

89-004876 Ishikawa, Toshihiro and Toru Nakamura. [ECOLOGICAL SEPARATION AND COMPARATIVE FEEDING BEHAVIOUR OF SHOREBIRDS IN NIIGATA PREFECTURE.] *Jpn. J. Ornithol.* 36(4):159-171. 1988. In Japanese with English summ. WR 213
[Nagano City Tsuumei Primary School, Onbegawa 270, Nagano City, Nagano 388, Japan] Data for 25 species.

89-004877 Ivey, Gary L.; Kent A. Fothergill and Karlyn L. Yates-Mills. A SEMIPALMATED PLOVER NEST IN OREGON. *West. Birds* 19(1):35-36. 1988. WR 213
[Malheur Natl. Wildl. Refuge, HC 72-Box 245, Princeton, OR 97721] *Charadrius semipalmatus*.

89-004878 Jaensch, Roger and John Blyth. A REDSHANK AT PEEL INLET AND A REVIEW OF ITS STATUS IN WESTERN AUSTRALIA. *West. Aust. Nat.* 17(5):106-109. 1988. WR 213
[Royal Australasian Ornithol. Union, 30/15 Ogilvie Rd., Canning Bridge, W.A. 6153, Australia] *Tringa totanus*.

89-004879 Jehl, Joseph R., Jr. THE CASPIAN TERN AT MONO LAKE. *West. Birds* 17(3):133-135. 1987. WR 213
[Sea World Res. Inst., Hubbs Mar. Res. Cent., 1700 S. Shores Rd., San Diego, CA 92109] *Hydroprogne caspia* in California.

89-004880 Jehl, Joseph R., Jr. and Bertram G. Murray, Jr. RESPONSE: EVOLUTION OF SEXUAL SIZE DIMORPHISM. *Auk* 106(1):155-157. 1989. WR 213
[Sea World Res. Inst., Hubbs Mar. Res. Cent., 1700 S. Shores Rd., San Diego, CA 92109]

89-004881 Jehl, Joseph R., Jr. NEST-SITE TENACITY AND PATTERNS OF ADULT MORTALITY IN NESTING CALIFORNIA GULLS (*LARUS CALIFORNICUS*). *Auk* 106(1):102-106. 1989. WR 213

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004881 CONTINUED
[Sea World Res. Inst., Hubbs Mar. Res. Cent., 1700 S. Shores Rd., San Diego, CA 92109]

89-004882 Jehl, Joseph R., Jr.; David E. Babb and Dennis M. Power. ON THE INTERPRETATION OF HISTORICAL DATA, WITH REFERENCE TO THE CALIFORNIA GULL COLONY AT MONO LAKE, CALIFORNIA. *Colon. Waterbirds* 11(2):322-327. 1988. WR 213
[Sea World Res. Inst., 1700 S. Shores Rd., Mission Bay, San Diego, CA 92109] *Larus californicus*.

89-004883 Jewell, Susan D. and G. Thomas Bancroft. FOOD HABITS OF BREEDING HERONS AND EGRETS IN EVERGLADES NATIONAL PARK. *Colon. Waterbird Soc. Newsl.* 12(2):31. 1988. Abstract only. WR 213
[Natl. Audubon Soc. Res. Dep., 115 Indian Mound Trail, Tavernier, FL 33070] *Egretta alba, Egretta thula,* and *Hydranassa tricolor*.

89-004884 Johnson, A. R. CONSTRUCTION OF A BREEDING ISLAND FOR FLAMINGOS IN THE CAMARGUE. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor*. p. 204-208. 1982. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France] *Phoenicopterus ruber* in France.

89-004885 Johnson, Alan R. MOVEMENTS OF GREATER FLAMINGOS (*PHOENICOPTERUS RUBER ROSEUS*) IN THE WESTERN PALEARCTIC. *Rev. Ecol. Terre Vie* 44(1):75-94. In English with French summ. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, F-13200 Arles, France]

89-004886 Jones, P. Hope. THE EUROPEAN CLINE IN WING-LENGTH OF GUILLEMOTS *URIA AALGE*. *Seabird* 11:19-21. 1988. WR 213
[The Hide, 49 High St., Menai Bridge, Gwynedd LL59 5EF, Wales]

89-004887 Jonsson, P. E. [THE KENTISH PLOVER *CHARADRIUS ALEXANDRINUS* IN SCANIA 1986 - REPORT FROM A CONSERVATION PROJECT).] *Anser* 25(4):237-244. 1987. In Swedish with English summ. From Ecol. Abstr. 88/5:88L/7014. 1988. WR 213

89-004888 Jukema, J. [ON THE PACIFIC LESSER GOLDEN PLOVER *PLUVIALIS FULVA* AS A MIGRANT IN FRIESLAND.] *Limosa* 61(3/4):189-190. 1988. In Dutch with English summ. WR 213
[Haerdawei 44, 8854 AC Oosterbierum, Netherlands] *Pluvialis dominica fulva* in the Netherlands.

89-004889 Kaiser, Martin; H.-U. Peter and Axel Gebauer. [THE CATTLE EGRET (*ARDEOLA IBIS* L.) IN THE ANTARCTIC.] *Beitr. Vogelkd.* 34(2/3):202-203. 1988. In German. WR 213
[Tierpark Berlin, Am Tierpark 125, Berlin DDR-1136, East Germany]

89-004890 Kalbe, Lothar. [REGENERATIVE POTENTIAL AND SURVIVAL CHANCES OF A GREATLY REDUCED BIRD POPULATION BASED ON THE EXAMPLE OF THE GREAT BUSTARD (*OTIS TARDA*).] *Beitr. Vogelkd.* 32(3):154-160. 1986. In German. WR 213
[Bruno-Baum-Str. 11, DDR-1502 Potsdam-Babelsberg, East Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004891 Kalbe, Lothar. [RARE SANDPIPERS NEAR POTSDAM, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):154-156. 1988. In German. WR 213
[Bruno-Baum-Str. 11, Potsdam-Babelsberg DDR-1595, East Germany] *Calidris fuscicollis, C. melanotos, C. acuminata,* and *C. bairdii.*

89-004892 Kampp, Kaj. MIGRATION AND WINTER RANGES OF BRUNNICH'S GUILLEMOTS *URIA LOMVIA* BREEDING OR OCCURRING IN GREENLAND. *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):117-130. 1988. In English with Danish summ. WR 213
[Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark]

89-004893 Kania, Wojciech. INVESTIGATIONS OF WHITE STORK *CICONIA CICONIA* HATCHING PHENOLOGY BASED ON BILL MEASUREMENTS OF NESTLINGS. *Ring Int. Ornithol. Bull.* 12(134-135):13-19. 1988. WR 213
[Ornithol. Stn., Polish Acad. Sci., Nadwislanska 108, 80-680 Gdansk, Poland]

89-004894 Kienholz, Don. A FALL RECORD OF LONG-BILLED CURLEW. *Loon* 60(4):186. 1988. WR 213
[1660 Martin Rd., Duluth, MN 55804] *Numenius americanus.*

89-004895 Kilpi, Maikael. OFFSPRING-DEFENCE BEHAVIOUR TOWARDS A HUMAN INTRUDER IN THREE SPECIES OF GULLS: *LARUS MARINUS, L. ARGENTATUS,* AND *L. CANUS. Ornis Fenn.* 65(4):156-162. 1988. In English with Finnish summ. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki, Finland]

89-004896 Kirsch, Eileen M. ESTIMATING LEAST TERN CHICK SURVIVAL USING MARK-RECAPTURE METHODS. *Colon. Waterbird Soc. Newsl.* 12(2):31. 1988. Abstract only. WR 213
[Biol. Sci. Div., Univ. Mont., Missoula 59801] *Sterna antillarum.*

89-004897 Koopman, Klaas. [THE MIGRATION OF DUTCH COMMON GULLS *LARUS CANUS.*] *Limosa* 61(3/4):125-132. 1988. In Dutch with English summ. WR 213
[Van Ewsumstr. 8, 9363 JC Marum, Netherlands]

89-004898 Kramer, David. ADULT MOORHEN KILLING CHICK. *Br. Birds* 82(2):73. 1989. WR 213
[7 Little Headlands, Putnoe, Bedford MK41 8JT, England] *Gallinula chloropus.*

89-004899 Kruger, Hans-Peter. [WHITE STORK PRODUCTION *(CICONIA CICONIA)* FROM 1979-1984 IN THE COTTBUS DISTRICT, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):27-32. 1986. In German. WR 213
[Richard-Wagner-Str. 10, DDR-7520 Peitz, East Germany]

89-004900 Krummholz, Dieter. [AUTUMN OBSERVATION OF AN EUROPEAN TURNSTONE *(ARENARIA INTERPRES)* IN THE FELCHOWSEE WILDLIFE SANCTUARY, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):64. 1986. In German. WR 213
[Bruckenstr. 3, DDR-1330 Schwedt/O, East Germany]

89-004901 Kube, Jan. [ON THE MIGRATION OF SHORE BIRD SPECIES IN THE LOWER ODER VALLEY, EAST GERMANY (1976-1986).] *Beitr. Vogelkd.* 34(2/3):177-193. 1988. In German. WR 213
[Heinersdorfer Str. 31, Schwedt DDR-1330, East Germany]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004902 Kumerloeve, Hans. [THE BREEDING SITUATION OF WHITE STORK *CICONIA CICONIA*, IN ANATOLIA (STAND 1987).] *Bonn. Zool. Beitr.* 39(4):361-370. 1988. In German with English and Turkish summ. WR 213
[Hubert-Reissner-Str. 7, D-8032 Munchen-Grafelfing, West Germany]

89-004903 Kuyt, Ernie. WHOOPING CRANES IN 1987 - ANOTHER YEAR OF PROGRESS. *Blue Jay* 46(3):136-139. 1988. WR 213
[Canadian Wildl. Serv., Rm. 210, 499-98 Ave., Edmonton, AB, Canada T6B 2X3] *Grus americana.*

89-004904 L'Arrivee, Louis and Hans Blokpoel. SEASONAL DISTRIBUTION AND SITE FIDELITY IN GREAT LAKES CASPIAN TERNS. *Colon. Waterbirds* 11(2):202-214. 1988. WR 213
[1102-2220 Halifax Dr., Ottawa, ON, Canada K1G 2W7] *Hydroprogne caspia.*

89-004905 Languy, Marc and Philippe Coquette. [MIGRATION PHENOLOGY AND REGIONAL STATUS OF THE LESSER BLACK-BACKED GULL *(LARUS FUSCUS)* - CONTINUOUS OBSERVATION OF A DORMITORY AND COMPARISON WITH THE GREAT BLACK-BACKED GULL *(LARUS MARINUS)*.] *Aves* 25(2):107-115. 1988. In French with Dutch, German, and English summ. WR 213
[Unite Ecol. & Biogeogr., U.C.L., 5 place Croix-der-Sud, B-1348 Louvain-la-Neuve, Belgium]

89-004906 Lansdown, R. V. SOME CALLS, DISPLAYS AND ASSOCIATED MORPHOLOGY OF THE CINNAMON BITTERN (*IXOBRYCHUS CINNAMOMEUS*) AND THEIR POSSIBLE FUNCTIONS. *Colon. Waterbirds* 11(2):308-310. 1988. WR 213
[10 Havergal Close, Caswell, Swansea, West Glamorgan SA3 4RL, Wales]

89-004907 LaShelle, Dan. SPOTTED REDSHANK IN JEFFERSON COUNTY, KANSAS. *Kans. Ornithol. Soc. Bull.* 39(4):38-39. 1988. WR 213
[1221 SW Tyler, #8, Topeka, KS 66612-1763]

89-004908 Littlefield, Carroll D. and Gaylin D. Holloway. THE FIRST RECORD OF A FOUR-EGG CLUTCH FOR SANDHILL CRANES. *West. Birds* 18(2):131-132. 1987. WR 213
[Malheur Field Stn., Box 260-E, Princeton, OR 97721]

89-004909 Mackrill, Ed. FIRST-YEAR PLUMAGES OF AUDOUIN'S GULL. *Br. Birds* 82(2):73-77. 1989. WR 213
[Welton-le-Marsh, Spilsby, Lincolnshire PE23 5SY, England] *Larus audouinii* in Spain and Morocco.

89-004910 Mactavish, Bruce, editor. GREATER GOLDEN-PLOVER INVASION, 1988. *Bullbird* 3(3):16-25. 1988. WR 213
[37 Waterford Bridge Rd., St. John's, NF, Canada A1E 1C5] *Pluvialis apricaria* in Canada.

89-004911 Marshall, David B. A REVIEW OF THE STATUS OF THE SNOWY PLOVER IN OREGON. *Oreg. Birds* 15(1):57-76. 1989. WR 213
[4265 S.W. Chesapeake Ave., Portland, OR 97201] *Charadrius alexandrinus.*

89-004912 Massey, Barbara W. and Jack Fancher. RENESTING BY CALIFORNIA LEAST TERNS. *Colon. Waterbird Soc. Newsl.* 12(2):33. 1988. Abstract only. WR 213
[Dep. Biol., Calif. State Univ., Long Beach 90840] *Sterna antillarum browni.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004913 Massoli-Novelli, Raniero. [A RECORD OF *SAROTHRURA AYRESI* FROM ETHIOPIA.] *Riv. Ital. Ornitol.* 58(1-2):40-42. 1988. In Italian with English summ. WR 213
[Via della Mendala 85, 00135 Rome, Italy]

89-004914 McAlpine, Donald F.; Jaako Finne; Scott Makepeace; Scott Gilliland and Mark Phinney. FIRST NESTING OF THE GLOSSY IBIS, *PLEGADIS FALCINELLUS*, IN CANADA. *Can. Field-Nat.* 102(3):536-537. 1988. WR 213
[Nat. Sci. Div., New Brunswick Mus., 277 Douglas Ave., St. John, NB, Canada E2K 1E5]

89-004915 McBride, Alan and Tim Reid. SABINE'S GULL, A NEW BIRD FOR NEW SOUTH WALES. *Aust. Birds* 21(4):89-91. 1988. WR 213
[3/108 Cabramatta Rd., Mosman, N.S.W. 2088, Australia]

89-004916 McDowell, Susan G. and Keith L. Bildstein. CAPTIVE WHITE IBISES FORAGING ON FIDDLER CRABS FROM ARTIFICIAL BURROWS: THE EFFECT OF IBIS BEHAVIOR AND FIDDLER CRAB BURROW MORPHOLOGY ON PROBING SUCCESS. *Colon. Waterbird Soc. Newsl.* 12(2):43. 1988. Abstract only. WR 213
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801] *Eudocimus albus*.

89-004917 McMillen, Janet L. INTERNATIONAL COUNCIL FOR BIRD PRESERVATION: CONSERVATION OF NORTH AMERICAN CRANES. *Am. Birds* 42(5):1212-1221. 1988. WR 213
[12009 Dove Circle, Laurel, MD 20708] *Grus* spp.

89-004918 McMillen, Janet Lalaree. PRODUCTIVITY AND MOVEMENTS OF THE GREATER SANDHILL CRANE POPULATION AT SENEY NATIONAL WILDLIFE REFUGE: POTENTIAL FOR AN INTRODUCTION OF WHOOPING CRANES. *Ph.D. dissertation, Ohio State Univ.* 258p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3050. 1989. Order No. DA8820319. WR 213
Grus canadensis in Michigan.

89-004919 Meanley, Brooke. THE MARSH HEN: A NATURAL HISTORY OF THE CLAPPER RAIL OF THE ATLANTIC COAST SALT MARSH. *Tidewater Publ. (Centreville, Md.)* 123p. 1985. WR 213
Rallus longirostris crepitans and *R. l. waynei*.

89-004920 Medland, R. D. WHITE-FRONTED SANDPLOVER, *CHARADRIUS MARGINATUS*, AT LUMBADZI SEWAGE WORKS, LILONGWE. *Nyala* 12(1/2):73-74. 1988. WR 213
[P.O. Box 30370, Lilongwe 3, Malawi]

89-004921 Meduna, A. J.; G. P. Stopfords and B. Garba. STATUS AND DISTRIBUTION OF THE NORTHERN CROWNED CRANE IN KANO STATE. *Nigerian Field* 53(4):157-160. 1988. WR 213
[Fed. School Wildl. Manage., PMB 268, New Bussa, Nigeria]

89-004922 Meltofte, Hans. [DIURNAL PATTERNS OF THE MIGRATION OF WADERS CHARADRII AT BLAVANDSHUK AT THE DANISH WEST COAST AND REVTANGEN IN SOUTHWEST NORWAY.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):13-18. 1988. In Danish with English summ. WR 213
[Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004923 Mezzavilla, Francesco and Ugo Battistella. [NEW BREEDING SITES OF GREY HERON, *ARDEA CINEREA* AND NIGHT HERON, *NYCTICORAX NYCTICORAX*, IN THE DISTRICTS OF TREVISO AND BELLUNO (NE ITALY).] *Riv. Ital. Ornitol.* 58(1-2):91-92. 1988. In Italian. WR 213
[Via Ponticelli 12, 31057 Silea, Treviso, Italy]

89-004924 Michaud, G. and J. Ferron. [COMPARATIVE STUDY OF THE FORAGING TECHNIQUES OF FOUR SPECIES OF SHOREBIRDS.] *Nat. Can. (Que.)* 113(3):281-292. 1986. In French with English summ. WR 213
[Dep. Biol. Sci., Univ. Quebec, Rimouski, PQ, Canada G5L 3A1] *Pluvialis squatarola*, *Charadrius semipalmatus*, *Calidris pusilla*, and *Tringa flavipes* in Canada.

89-004925 Miller, John. A POSSIBLE RECORD OF BLACK EGRETS AT PORT ELIZABETH. *Bee-eater* 39(4):55. 1988. WR 213
[Box 100, P.O. Greenbushes 6390, South Africa] *Egretta ardesiaca* in South Africa.

89-004926 Miskelly, Colin M. FLEXIBLE INCUBATION SYSTEM AND PROLONGED INCUBATION IN NEW ZEALAND SNIPE. *Wilson Bull.* 101(1):127-132. 1989. WR 213
[Dep. Zool., Canterbury Univ., Christchurch 1, New Zealand] *Coenocorypha aucklandica huegeli*.

89-004927 Monaghan, P.; J. D. Uttley; M. D. Burns; C. Thaine and J. Blackwood. THE RELATIONSHIP BETWEEN FOOD SUPPLY, REPRODUCTIVE EFFORT AND BREEDING SUCCESS IN ARCTIC TERNS *STERNA PARADISAEA*. *J. Anim. Ecol.* 58(1):261-274. 1989. WR 213
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland]

89-004928 Moon, A. V., compiler. THE INFLUX OF SABINE'S GULLS AND OTHER SEABIRDS IN OCTOBER 1987. *London Bird Rep.* No. 52. p. 121-132. 1987. WR 213
[Chalk Dell House, London Rd., Rickmansworth, Herts WD3 1JP, England] *Xema sabini*.

89-004929 Morris, Ralph D. THE CONFOUNDING OF ADOPTION STUDIES IN THE COMMON TERN. *Colon. Waterbird Soc. Newsl.* 12(2):34. 1988. Abstract only. WR 213
[Dep. Biol. Sci., Brook Univ., St. Catharines, ON, Canada L2S 3A1] *Sterna hirundo*.

89-004930 Mueller, Helmut C. AERIAL AGILITY AND THE EVOLUTION OF REVERSED SEXUAL DIMORPHISM (RSD) IN SHOREBIRDS. *Auk* 106(1):154-155. 1989. WR 213
[Dep. Biol. & Curriculum Ecol., Univ. N.C., Chapel Hill 27599-3280]

89-004931 Mukherjee, Ajit Kumar. THE ECOLOGY AND CONSERVATION OF THE BENGAL FLORICAN, *EUPODOTIS BENGALENSIS* (GMELIN). *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 305-308. 1986. WR 213
[Zool. Surv. India, Calcutta, India]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004932 Muller, Hartmut E. [NEST RELOCATION BY A GREAT SNIPE *(GALLINAGO MEDIA)* FOLLOWING A DISTURBANCE.] *Beitr. Vogelkd.* 34(2/3):147-153. 1988. In German. WR 213
[Naturschutzstn., Kamp DDR-2141, East Germany]

89-004933 Murphy, Edward C.; Alan M. Springer and David G. Roseneau. RELATIONSHIPS BETWEEN CLIMATIC VARIABILITY, REPRODUCTION, AND NUMBERS OF BLACK-LEGGED KITTIWAKES AT BREEDING COLONIES IN NORTHWESTERN ALASKA. *Colon. Waterbird Soc. Newsl.* 12(2):43. 1988. Abstract only. WR 213
[Inst. Arctic Biol., Univ. Alaska, Fairbanks 99774] *Rissa brevirostris.*

89-004934 Murphy, Marty. STATUS OF GREAT BLUE HERON COLONIES IN KING COUNTY, WASHINGTON. *West. Birds* 19(1):37-40. 1988. WR 213
[Box 3070, Half Moon Bay, CA 94019] *Ardea herodias.*

89-004935 Navarro, Rene A.; Claudio R. Velasquez and Roberto P. Schlatter. DIET OF THE SURFBIRD IN SOUTHERN CHILE. *Wilson Bull.* 101(1):137-141. 1989. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Aphriza virgata.*

89-004936 Nechaev, V. A. and P. S. Tomkovitch. [A NEW NAME FOR SAKHALIN DUNLIN (AVES, CHARADRIIDAE).] *Zool. Zh.* 67(10):1596. 1988. In Russian with English summ. Abstract only. WR 213
[Inst. Biol. & Pedol., Far East Sci. Cent., USSR Acad. Sci., Vladivostok, USSR]

89-004937 Nehls, Hans Wolfgang and Dieter Schmeckebier. [GREAT KNOT *(CALIDRIS TENUIROSTRIS)* ON THE BALTIC COAST OF EAST GERMANY IN AUGUST, 1987.] *Beitr. Vogelkd.* 34(2/3):194-196. 1988. In German with English summ. WR 213
[Zool. Garten Rostock, Rennbahnallee 21, Rostock 1 DDR-2500, East Germany]

89-004938 Neumann, Joachim. [BROODING OBSERVATION OF THE LITTLE BUSTARD *TETRAX TETRAX* IN BRANDENBURG, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):62. 1986. In German. WR 213
[Erich-Zastrow-Str. 19, DDR-2000 Neubrandenburg, East Germany]

89-004939 Neve de Mevergnies, Gabriel. [OBSERVATION OF AN ATYPICAL GULL, A POSSIBLE HYBRID BETWEEN A HERRING GULL *(LARUS ARGENTATUS)* AND A GLAUCOUS GULL *(LARUS HYPERBOREUS)*.] *Aves* 25(2):136-138. 1988. In French. WR 213
[Unite Ecol. & Biogeogr., U.C.L., 5 place Croix-du-Sud, B-1348 Louvain-la-Neuve, Belgium]

89-004940 Nicholls, Gerry. A FRANKLIN'S GULL IN WESTERN AUSTRALIA. *Aust. Birds* 21(4):93-94. 1988. WR 213
[19 Wakefield Ct., Prince St., Durban 4001, South Africa] *Larus pipixcan.*

89-004941 Nixon, Andrew. A FURTHER BREEDING RECORD OF THE WHITE STORK IN THE SOUTHERN HEMISPHERE? *Bee-eater* 39(4):55-56. 1988. WR 213
[38 College Dr., Mill Park, Port Elizabeth 6001, South Africa] *Ciconia ciconia* in South Africa.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004942 Noble, David; Anthony Gaston and Richard Elliot. PHILOPATRY AND PROSPECTING IN THICK-BILLED MURRES. *Colon. Waterbird Soc. Newsl.* 12(2):43. 1988. Abstract only. WR 213
[Queen's Univ., Kingston, ON, Canada K7L 3N6] *Uria lomvia* in Canada.

89-004943 Page, Gary W.; Frances C. Bidstrup; Robert J. Ramer and Lynne E. Stenzel. DISTRIBUTION OF WINTERING SNOWY PLOVERS IN CALIFORNIA AND ADJACENT STATES. *West. Birds* 17(4):145-170. 1986. WR 213
[Point Reyes Bird Observ., 4990 Shoreline Hwy., Stinson Beach, CA 94970] *Charadrius alexandrinus nivosus*.

89-004944 Paolillo, Giuseppe and Aldo Di Giorgio. [RECORDS OF GREATER FLAMINGO, *PHOENICOPTERUS RUBER*, IN CALABRIA (SOUTHERN ITALY).] *Riv. Ital. Ornitol.* 58(1-2):85. 1988. In Italian. WR 213
[Via M. Salomone 292, 88026 Pizzo, Catanzaro, Italy]

89-004945 Parsons, Katharine C. and Kathleen P. Vance. GROWTH RATES AND BROOD SIZE IN SNOWY EGRETS. *Colon. Waterbird Soc. Newsl.* 12(2):35. 1988. Abstract only. WR 213
[Manomet Bird Observ., Box 936, Manomet, MA 02345] *Egretta thula* in New York.

89-004946 Paulson, Dennis R. IDENTIFICATION OF JUVENILE TATTLERS, AND A GRAY-TAILED TATTLER RECORD FROM WASHINGTON. *West. Birds* 17(1):33-36. 1986. WR 213
[Burke Mus. DB-10, Univ. Wash., Seattle 98195] *Heteroscelus brevipes* and *H. incanus*.

89-004947 Pennycuick, C. J. and Toni de Santo. FLIGHT SPEEDS AND ENERGY REQUIREMENTS FOR WHITE IBISES ON FORAGING FLIGHTS. *Auk* 106(1):141-144. 1989. WR 213
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124] *Sturnus vulgaris* in South Carolina.

89-004948 Picken, Verity. FANTAIL SNIPE *GALLINAGO GALLINAGO* PERCHING ON OVERHEAD WIRE. *Hong Kong Bird Rep.* 1987:103. 1988. WR 213
[Flat 6, 11 Mansfield Rd., The Peak, Hong Kong]

89-004949 Plantier, Terry Lynn. A COMPARISON OF REPRODUCTIVE SUCCESS IN EARLY AND LATE BREEDING SOOTY TERNS (*STERNA FUSCATA*) IN THE DRY TORTUGAS. *M.S. thesis, Fla. Atlantic Univ.* 77p. 1988. From Masters Abstr. Int. 26(4):401. 1988. Order No. MA1333177. WR 213

89-004950 Prokosch, P. [THE SCHLESWIG-HOLSTEIN WADDEN SEA AS SPRING STAGING AREA FOR ARCTIC WADER POPULATIONS DEMONSTRATED BY GREY PLOVER (*PLUVIALIS SQUATAROLA*, L. 1758), KNOT (*CALIDRIS CANUTUS*, L. 1758) AND BAR-TAILED GODWIT (*LIMOSA LAPPONICA*, L. 1758).] *Corax* 12(4):273-442. 1988. In German with English summ. WR 213
[WWF-Wattenmeerstelle, Schleswig-Holstein, Norderstr. 22, 2250 Husum, West Germany]

89-004951 Pruett-Jones, S. G. LEKKING VERSUS SOLITARY DISPLAY: TEMPORAL VARIATIONS IN DISPERSION IN THE BUFF-BREASTED SANDPIPER. *Anim. Behav.* 36(6):1740-1752. 1988. WR 213

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004951 CONTINUED
[Dep. Ecol. & Evol., Univ. Chicago, Chicago, IL 60637] *Tryngites subruficollis* in Alaska.

89-004952 Purrington, Robert D. THE TERN COLONY OF CURLEW ISLAND, LOUISIANA. *Am. Birds* 42(5):1238-1240. 1988. WR 213
Sterna maxima and *S. sandvicensis*.

89-004953 Quinn, James S. SEXUAL SIZE DIMORPHISM AND PARENTAL CARE: A COMPARATIVE STUDY OF BLACK SKIMMERS AND CASPIAN TERNS AND A COMPUTER SIMULATION MODEL. *Ph.D. dissertation, Univ. Okla*. 227p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2042. 1988. Order No. DA8816296. WR 213
Larus atricilla, Rynchops niger, and *Sterna caspia*.

89-004954 Radke, Marcia F. and William R. Radke. BREEDING BY A TWO-YEAR OLD SANDHILL CRANE. *West. Birds* 17(4):192-193. 1986. WR 213
[P.O. Box 753, Othello, WA 99344] *Grus canadensis tabida* in California.

89-004955 Ralph, C. John; Peter W. C. Paton and Gary Strachen. ABUNDANCE, DISTRIBUTION, AND HABITAT ASSOCIATION OF THE MARBLED MURRELET IN THE FORESTS OF THE REDWOOD REGION OF CALIFORNIA AND SOUTHERN OREGON DURING 1988. *Colon. Waterbird Soc. Newsl*. 12(2):35. 1988. Abstract only. WR 213
[Redwood Sci. Lab., U.S. For. Serv., Arcata, CA 95221] *Brachyramphus marmoratus*.

89-004956 Ramo, Cristina and Benjamin Busto. STATUS OF THE NESTING POPULATION OF THE SCARLET IBIS (*EUDOCIMUS RUBER*) IN THE VENEZUELAN LLANOS. *Colon. Waterbirds* 11(2):311-314. 1988. In English with Spanish summ. WR 213
[Univ. Nac. Exp. Llanos Occidentales "Ezequiel Zamora" Guanare, Portugueza State, Venezuela]

89-004957 Rayment, Rodney. BREEDING THE EUROPEAN GREY OR COMMON CRANE *GRUS GRUS GRUS* AT STAGSDEN BIRD GARDENS (BEDFORD). *Avic. Mag*. 94(4):198. 1988. WR 213

89-004958 Reid, Tim. A SABINE'S GULL OFF PORT MACDONNELL, SOUTH AUSTRALIA. *Aust. Birds* 21(4):85-89. 1988. WR 213
[c/o Royal Australasian Ornithol. Union, 21 Gladstone St., Moonee Ponds, Vic. 3039, Australia]

89-004959 Rennie, Frank W. THE STATUS AND DISTRIBUTION OF THE GREAT SKUA IN THE WESTERN ISLES. *Scott. Birds* 15(2):80-82. 1988. WR 213
[25 S. Galson, Isle of Lewis, Scotland] *Catharacta skua* in Scotland.

89-004960 Reynolds, John D. and Fred Cooke. THE INFLUENCE OF MATING SYSTEMS ON PHILOPATRY: A TEST WITH POLYANDROUS RED-NECKED PHALAROPES. *Anim. Behav*. 36(6):1788-1795. 1988. WR 213
[Dep. Zool., Univ. Toronto, Toronto, ON, Canada M5S 1A1] *Phalaropus lobatus* in Canada.

89-004961 Ricciardi, Sue. SHOREBIRDS AND HERONS FLOCK TO TOWER GARDENS. *Md. Birdlife* 44(2):65-67. 1988. WR 213
[1132 Ferber Ave., Arnold, MD 21012]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004962 Rimmer, Christopher C. POPULATION STATUS AND ECOLOGY OF COMMON TERNS IN LAKE CHAMPLAIN. *Colon. Waterbird Soc. Newsl.* 12(2):35. 1988. Abstract only. WR 213
[Inst. Nat. Sci., Woodstock, VT 05091] *Sterna hirundo* in Vermont.

89-004963 Ringleben, Herbert. [AN UNNOTICED STORK COLONY *CICONIA CICONIA* IN A VILLAGE IN BRANDENBURG, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):331. 1986. In German. WR 213
[Klattenweg 45, D-2800 Bremen 1, West Germany] *Ciconia ciconia.*

89-004964 Robel, Detlef. [IDENTIFICATION OF A JUVENILE LESSER BLACK-BACKED GULL (*LARUS FUSCUS*) NEAR COTTBUS, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):338-339. 1986. In German. WR 213
[Tierpark Cottbus, Kiekebuscher Str. 5, Cottbus DDR-7500, East Germany]

89-004965 Roberson, Don and Luis F. Baptista. WHITE-SHIELDED COOTS IN NORTH AMERICA: A CRITICAL EVALUATION. *Am. Birds* 42(5):1241-1246. 1988. WR 213
[282 Grove Acre Ave., Pacific Grove, CA 93950] *Fulica caribaea.*

89-004966 Robert, Michel and Raymond McNeil. COMPARATIVE DAY AND NIGHT FEEDING STRATEGIES OF SHOREBIRD SPECIES IN A TROPICAL ENVIRONMENT. *Ibis* 131(1):69-79. 1989. WR 213
[McNeil: Cent. Rech. Ecol., Dep. Sci. Biol., Univ. Montreal, C.P. 6128 Succ. "A", Montreal, PQ, Canada H3C 3J7]

89-004967 Robiller, Franz and Klaus Borrmann. [OBSERVATIONS ON THE NEST OF THE SNOWY PLOVER (*CHARADRIUS ALEXANDRINUS* L.) IN SOUTHERN HUNGARY.] *Beitr. Vogelkd.* 34(2/3):85-92. 1988. In German. WR 213
[Wilhelm-Bode-Str. 8, Weimar DDR-5300, East Germany]

89-004968 Robinson, W. Douglas. DAILY GULL MOVEMENTS DURING WINTER IN EXTREME SOUTHERN ILLINOIS. *Ill. Birds Birding* 4(3):66. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901] *Larus argentatus* and *L. delawarensis.*

89-004969 Rohwer, Frank C. THE ADAPTIVE SIGNIFICANCE OF NEST INITIATION DATES: EXPERIMENTAL MANIPULATIONS OF THE TIMING OF HATCH. *Colon. Waterbird Soc. Newsl.* 12(2):36. 1988. Abstract only. WR 213
[Appalachian Environ. Lab., Univ. Md., Frostburg 21532] *Sterna forsteri* in Maryland.

89-004970 Rooth, J. A MANMADE BREEDING SANCTUARY FOR FLAMINGOS ON BONAIRE, NETHERLANDS ANTILLES. *In: Managing Wetlands and Their Birds - A Manual of Wetland and Waterfowl Management. D. A. Scott, editor.* p. 172-176. 1982. WR 213
[Res. Inst. Nat. Manage., Kasteel Broekhuizen, Postbus 46, 3956 ZR Leersum, Netherlands] *Phoenicopterus ruber ruber.*

89-004971 Ryan, P. G. THE DISTRIBUTION, POPULATION SIZE AND FORAGING BEHAVIOUR OF KERGUELEN TERNS AT THE PRINCE EDWARD ISLANDS. *S. Afr. J. Antarct Res.* 17(2):163-166. 1987. In English with Afrikaans summ. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Sterna virgata.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004972 Safina, Carl and Joanna Burger. USE OF SONAR AND A SMALL BOAT FOR STUDYING FORAGING ECOLOGY OF SEABIRDS. *Colon. Waterbirds* 11(2):234-244. 1988. WR 213
[Natl. Audubon Soc., 306 S. Bay Ave., Islip, NY 11751] *Sterna hirundo* in New York.

89-004973 Safina, Carl; Joanna Burger; Michael Gochfeld and Richard H. Wagner. EVIDENCE FOR PREY LIMITATION OF COMMON AND ROSEATE TERN REPRODUCTION. *Colon. Waterbird Soc. Newsl.* 12(2):36. 1988. Abstract only. WR 213
[Natl. Audubon Soc., 306 S. Bay Ave., Islip, NY 11751] *Sterna hirundo* and *S. dougallii*.

89-004974 Saliva, Jorge E. and Joanna Burger. EFFECT OF EXPERIMENTAL MANIPULATION OF VEGETATION ON NEST SITE SELECTION IN SOOTY TERNS. *Colon. Waterbird Soc. Newsl.* 12(2):36. 1988. Abstract only. WR 213
[Dep. Biol., Rutgers Univ., P.O. Box 1059, Piscataway, NJ 08855] *Sterna fuscata*.

89-004975 Sallee, G. William. RECORDS FOR THE YELLOW-CROWNED NIGHT-HERON IN THE OKLAHOMA PANHANDLE. *Bull. Okla. Ornithol. Soc.* 21(4):29. 1988. WR 213
[Tulsa Dist. Corps Eng., P.O. Box 61, Tulsa, OK 74121] *Nycticorax violaceus*.

89-004976 Sawicki, Richard J.; Wayne Hoffman and G. T. Bancroft. POPULATION AND DISTRIBUTION OF FORAGING WHITE IBIS IN THE WATER CONSERVATION AREAS OF THE EVERGLADES. *Colon. Waterbird Soc. Newsl.* 12(2):37. 1988. Abstract only. WR 213
[Res. Dep., Natl. Audubon Soc., Tavernier, FL 33070] *Eudocimus albus*.

89-004977 Scharf, William C. POPULATION TRENDS AND HABITATS OF GREAT BLUE HERONS AND GREAT EGRETS IN MICHIGAN'S GREAT LAKES. *Colon. Waterbird Soc. Newsl.* 12(2):37. 1988. Abstract only. WR 213
[Dep. Biol., Northwest. Mich. Coll., Traverse City 49684] *Egretta alba* and *Ardea herodias*.

89-004978 Schmidt, Reinhard and Hans-Ulrich Dost. [FIND OF A SANDWICH TERN (*STERNA SANDVICENSIS*) AS A BREEDING BIRD IN A COLONY ON THE BALTIC SEA COAST OF EAST GERMANY.] *Beitr. Vogelkd.* 34(1):60. 1988. In German. WR 213
[Vogelwarte Hiddensee, Kloster/Hiddensee DDR-2346, East Germany]

89-004979 Schmitt, C. Gregory and Aaron A. Miller. A SPECIMEN RECORD OF THE ANCIENT MURRELET FROM NEW MEXICO. *West. Birds* 18(4):213-214. 1987. WR 213
[Dep. Game & Fish, Santa Fe, NM 87503] *Synthliboramphus antiquus*.

89-004980 Schmitz, Luc and Emile Degros. [CONTRIBUTION TO THE STUDY OF COMMON GULLS (*LARUS CANUS*) WINTERING IN BELGIUM.] *Aves* 25(2):116-130. 1988. In French with Dutch, German, and English summ. WR 213
[Ave. Nicolai 49, bte 36, B-4802 Heusy, Belgium]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004981 Schonert, Bernhard. [OBSERVATION OF A POMARINE JAEGER (*STERCORARIUS POMARINUS*) ON THE BERLIN MUEGGEL LAKE, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):59-60. 1986. In German. WR 213
[Hans-Loch-Str. 263, DDR-1136 Berlin, East Germany]

89-004982 Schonert, Bernhard. [ON THE MIGRATION OF SHORE BIRD SPECIES IN THE HOBRECHTSFELDER IRRIGATION DISTRICT OF BERNAU, EAST GERMANY. PART 2.] *Beitr. Vogelkd.* 34(2/3):133-146. 1988. In German. WR 213
[Hans-Loch-Str. 263, Berlin DDR-1136, East Germany] Data for 12 spp.

89-004983 Schonert, Helmuth. [THE PRESENCE OF LIMICOLAE IN THE DISTRICT OF PRENZLAU, EAST GERMANY.] *Beitr. Vogelkd.* 32(2):65-107. 1986. In German. WR 213
[Grabowstr. 59, DDR-2130 Prenzlau, East Germany]

89-004984 Schwan, Tom G.; John J. Oprandy and Andrew J. Main. MONO LAKE VIRUS INFECTING *ARGAS* TICKS (ACARI: ARGASIDAE) ASSOCIATED WITH CALIFORNIA GULLS BREEDING ON ISLANDS IN MONO LAKE, CALIFORNIA. *J. Med. Entomol.* 25(5):381-387. 1988. WR 213
[Arthropod-borne Dis. Sect., Lab. Pathobiol., Rocky Mountain Lab., Natl. Inst. Allergy & Infectious Dis., Hamilton, MT 59840] *Larus californicus.*

89-004985 Seyffert, Kenneth D. A YELLOW RAIL IN THE TEXAS PANHANDLE. *Bull. Okla. Ornithol. Soc.* 21(4):31-32. 1988. WR 213
[2206 S. Lipscomb, Amarillo, TX 79109] *Coturnicops noveboracensis.*

89-004986 Shields, Kristin M. DURATION OF COURTSHIP FEEDING OF COMMON TERNS. *Colon. Waterbird Soc. Newsl.* 12(2):38. 1988. Abstract only. WR 213
[Manomet Bird Observ., Box 936, Manomet, MA 02345] *Sterna hirundo* in Massachusetts.

89-004987 Smith, Philip H. GREAT WHITE EGRETS FEEDING IN WAKE AND ROBBING BLACK-HEADED GULLS. *Br. Birds* 82(1):27. 1989. WR 213
[Dep. Biol., Liverpool Polytech., Byrom St., Liverpool L3 3AF, England] *Egretta alba* and *Larus ridibundus* in Austria.

89-004988 Sorensen, Ella. TOPOGRAPHY OF A GULL HEAD. *Utah Birds* 3(4):68-71. 1987. WR 213
[3868 Marsha Dr., West Valley City, UT 84120] *Larus marinus.*

89-004989 Spendelow, Jeffrey A. and James D. Nichols. JUVENILE SURVIVAL AND NATAL VS. NON-NATAL COLONY SITE RECRUITMENT OF BREEDING ROSEATE TERNS AT FALKNER ISLAND, CONNECTICUT. *Colon. Waterbird Soc. Newsl.* 12(2):39. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Sterna dougallii.*

89-004990 Stephens, Daniel A. and James E. Stephens. AN AMERICAN OYSTERCATCHER IN IDAHO. *West. Birds* 18(4):215-216. 1987. WR 213
[Dep. Biol. Sci., Idaho State Univ., Pocatello 83209] *Haematopus palliatus.*

89-004991 Strong, Allan M.; G. T. Bancroft and Susan D. Jewell. FORAGING HABITS OF BREEDING AND POST-BREEDING SNOWY EGRETS AND TRICOLORED HERONS. *Colon. Waterbird Soc. Newsl.* 12(2):39. 1988. Abstract only. WR 213

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-004991 CONTINUED
[Natl. Audubon Soc., Tavernier, FL 33070] *Egretta thula* and *Hydranassa tricolor* in Florida.

89-004992 Sullivan, Joseph P. EFFECTS OF PROVISIONING RATES AND NUMBER FLEDGED ON NESTLING AGGRESSION IN GREAT BLUE HERONS. *Colon. Waterbirds* 11(2):220-226. 1988. WR 213
[Dep. Fish & Wildl., VPI&SU, Blacksburg, VA 24061] *Ardea herodias* in Utah.

89-004993 Summers, R. W.; C. J. Corse; M. Nicoll; R. Smith and D. P. Whitfield. THE BIOMETRICS AND WINTERING AREA OF ICELANDIC PURPLE SANDPIPERS. *Ringing Migr.* 9(3):133-138. 1988. WR 213
[Leenane, Gong Ln., Burnham Overy Staithe, King's Lynn, Norfolk, England] *Calidris maritima* in Iceland.

89-004994 Tacha, Thomas C.; Donald E. Haley and Paul A. Vohs. AGE OF SEXUAL MATURITY OF SANDHILL CRANES FROM MID-CONTINENTAL NORTH AMERICA. *J. Wildl. Manage.* 53(1):43-46. 1989. WR 213
[Coop. Wildl. Res. Lab., South. Ill. Univ., Carbondale 62901] *Grus canadensis.*

89-004995 Tanner, Ian and Roger Jaensch. A SARUS CRANE NEAR KARRATHA, WESTERN AUSTRALIA. *Aust. Bird Watcher* 12(8):269-270. 1988. WR 213
[9 Elworthy St., Bargara, Bundaberg, Qld. 4670, Australia] *Grus antigone.*

89-004996 Trull, Peter. A FIELD GUIDE TO THE TERNS OF CAPE COD. TERNS (STERNINAE) FOUND ALONG CAPE COD'S SHORES. *Cape Nat.* 17(3):52-54. 1988/1989. WR 213
[Cape Cod Mus. Nat. Hist., Inc., Drawer R, Brewster, MA 02631] *Sterna* spp. and *Chlidonias* spp.

89-004997 Trull, Peter. THE ROSEATE TERN: A LIFE IN THE BALANCE. *Cape Nat.* 17(3):44-51. 1988/1989. WR 213
[Cape Cod Mus. Nat. Hist., Inc., Drawer R, Brewster, MA 02631] *Sterna dougallii* in Massachusetts.

89-004998 Udvardy, Miklos D. F. and Torbjorn Sall. A RING-BILLED GULL ON THE GALAPAGOS ISLANDS. *West. Birds* 18(3):175-176. 1987. WR 213
[Calif. State Univ., Sacramento 95819] *Larus delawarensis.*

89-004999 van Ommen, Erik G. C. and Edward J. van IJzendoorn. [RED-NECKED STINT AT LAUWERSMEER IN MAY 1987.] *Dutch Birding* 10(4):178-182. 1988. In Dutch with English summ. WR 213
[Verlengde Frederikstr. 31, 9724 ND Groningen, Netherlands] *Calidris ruficollis* in the Netherlands.

89-005000 Vermeer, Kees. POPULATION TREND OF NESTING GLAUCOUS-WINGED GULLS IN THE STRAIT OF GEORGIA. *Colon. Waterbird Soc. Newsl.* 12(2):39. 1988. Abstract only. WR 213
[Inst. Ocean Sci., P.O. Box 6000, Sidney, BC, Canada V8L 4B2] *Larus glaucescens* in Canada.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-005001 Vermeer, Kees; Damian Power and G. E. John Smith. HABITAT SELECTION AND NESTING BIOLOGY OF ROOF-NESTING GLAUCOUS-WINGED GULLS. *Colon. Waterbirds* 11(2):189-201. 1988. WR 213
[Canadian Wildl. Serv., P.O. Box 340, Delta, BC, Canada V4K 3Y3] *Larus glaucescens* in Canada.

89-005002 Vinicombe, K. E. FIELD IDENTIFICATION OF GULL-BILLED TERN. *Br. Birds* 82(1):3-13. 1989. WR 213
[11 Kennington Ave., Bishopston, Bristol BS7 9EU, England] *Gelochelidon nilotica*.

89-005003 Walsh, Joan M. and Malcolm C. Coulter. AGE SPECIFIC FORAGING DIFFERENCES IN WOOD STORKS. *Colon. Waterbird Soc. Newsl.* 12(2):40. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Ga., Athens 30666] *Mycteria americana*.

89-005004 Wanless, S.; J. A. Morris and M. P. Harris. POST-CHICK-LEAVING BEHAVIOUR OF THE RAZORBILL *ALCA TORDA* AS SHOWN BY RADIO-TELEMETRY. *Seabird* 11:22-27. 1988. WR 213
[Inst. Terrestrial Ecol., Hill Brathens, Banchory, Kincardineshire AB3 4BY, Scotland]

89-005005 Watson, A.; D. Nethersole-Thompson; K. Duncan; H. Galbraith; S. Rae; R. Smith and C. Thomas. DECLINE OF SHORE WADERS AT LOCH MORLICH. *Scott. Birds* 15(2):91-92. 1988. WR 213
[Inst. Terrestrial Ecol., Banchory, Kincardineshire AB3 4BY, Scotland] *Haematopus ostralegus, Charadrius hiaticula, Vanellus vanellus, Calidris alpina, Numenius arquata, Tringa totanus, T. nebularia*, and *Actitis hypoleucos* in Scotland.

89-005006 Watts, Bryan D. TIME CONSTRAINTS AND THE POTENTIAL EFFECTS OF RELOCATION ATTEMPTS ON PRODUCTIVITY IN YELLOW-CROWNED NIGHT-HERONS. *Colon. Waterbird Soc. Newsl.* 12(2):40. 1988. Abstract only. WR 213
[Dep. Zool., Univ. Ga., Athens 30602] *Nycticorax violaceus*.

89-005007 Weber, John W. FIRST VERIFIED RECORD OF THE MEW GULL FOR IDAHO. *West. Birds* 17(3):141-142. 1987. WR 213
[Dep. Civil & Mechanical Eng., Tex. A&I Univ., Kingsville 78363] *Larus canus*.

89-005008 White, Robin P. WINTERING GROUNDS AND MIGRATION PATTERNS OF THE UPLAND SANDPIPER. *Am. Birds* 42(5):1247-1253. 1988. WR 213
[Geogr. Dep., Univ. Wis., Madison 53706] *Bartramia longicauda* in Argentina.

89-005009 Williams, Sartor O. III. A NORTHERN JACANA IN TRANS-PECOS TEXAS. *West. Birds* 18(2):123-124. 1987. WR 213
[Rt. 10, Box 476, Glenwood, NM 88037] *Jacana spinosa*.

89-005010 Williams, Sartor O. III. STATUS OF THE LEAST TERN IN NEW MEXICO. *Colon. Waterbird Soc. Newsl.* 12(2):40. 1988. Abstract only. WR 213
[Endangered Species Program, Dep. Game & Fish, State Capitol, Santa Fe, NM 87503] *Sterna antillarum*.

89-005011 Williams, Sartor O. III. NOTES ON THE RAIL *RALLUS LONGIROSTRIS TENUIROSTRIS* IN THE HIGHLANDS OF CENTRAL MEXICO. *Wilson Bull.* 101(1):117-120. 1989. WR 213
[Dep. Game & Fish, State Captiol, Santa Fe, NM 87503]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

89-005012 Wilson, Erika M. LONG-BILLED CURLEW IN PRINCE GEORGES COUNTY. *Md. Birdlife* 44(1):29-32. 1988. WR 213
[1400 S. Barton St., #421, Arlington, VA 22204] *Numenius americanus* in Maryland.

89-005013 Winkler, David W. and W. David Shuford. CHANGES IN THE NUMBERS AND LOCATIONS OF CALIFORNIA GULLS NESTING AT MONO LAKE, CALIFORNIA, IN THE PERIOD 1863-1986. *Colon. Waterbirds* 11(2):263-274. 1988. WR 213
[Sect. Ecol. & Syst., Cornell Univ., Ithaca, NY 14853] *Larus californicus*.

89-005014 Woulfe, Michelle A. SEASONAL VARIATION IN THE DEGREE OF INTRA-CLUTCH HATCHING SYNCHRONY OF THE RING-BILLED GULL *(LARUS DELAWARENSIS)*. *Colon. Waterbird Soc. Newsl.* 12(2):44. 1988. Abstract only. WR 213
[Dep. Biol. Sci., Brock Univ., St. Catherines, ON, Canada L2S 3A1]

89-005015 Zembal, Richard; Barbara W. Massey and Jack M. Fancher. MOVEMENTS AND ACTIVITY PATTERNS OF THE LIGHT-FOOTED CLAPPER RAIL. *J. Wildl. Manage.* 53(1):39-42. 1989. WR 213
[U.S. Fish & Wildl. Serv., 2400 Avila Rd., Laguna Niguel, CA 92656] *Rallus longirostris levipes* in California.

89-005016 Zwank, Phillip J.; James P. Geaghan and Donna A. Dewhurst. FORAGING DIFFERENCES BETWEEN NATIVE AND RELEASED MISSISSIPPI SANDHILL CRANES: IMPLICATIONS FOR CONSERVATION. *Conserv. Biol.* 2(4):386-390. 1988. In English with Spanish summ. WR 213
[Rm. 404, Life Sci. West, Okla. State Univ., Stillwater 74078] *Grus canadensis pulla*.

89-005017 Zykova, L. Yu. and E. N. Panov. [ASYNCHRONOUS HATCHING AS THE MAIN CAUSE OF THE DIFFERENTIATED JUVENILE MORTALITY IN *LARUS ICHTHYAETUS*.] *Zool. Zh.* 67(12):1865-1877. 1988. In Russian with English summ. WR 213
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

SEABIRDS AND ALLIES

89-005018 Albers, Harold F. THE BROWN PELICAN POUCH RESUTURING. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:97-98. 1982. WR 213
[Northeast Anim. Hospital, 1401 4th St. North, St. Petersburg, FL 33704] *Pelecanus occidentalis*.

89-005019 Anderson, Daniel W.; Deborah L. Jaques; David L. Hunter and Alan Baldridge. PANHANDLING PELICANS: ARTIFICIAL FEEDING CREATES ANOTHER WILDLIFE CONFLICT. *Colon. Waterbird Soc. Newsl.* 12(2):23. 1988. Abstract only. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Pelecanus occidentalis*.

89-005020 Barrett, R. T. THE DISPERSAL AND MIGRATION OF THE GANNET *SULA BASSANA* FROM NORWEGIAN BREEDING COLONIES. *Ringing Migr.* 9(3):139-145. 1988. WR 213
[Univ. Tromso, Tromso Mus., N-9000 Tromso, Norway]

SEABIRDS AND ALLIES (CONTINUED)

89-005021 Boellstorff, Diane E.; Daniel W. Anderson; Harry M. Ohlendorf and Edward J. O'Neill. REPRODUCTIVE EFFECTS OF NEST-MARKING STUDIES IN AN AMERICAN WHITE PELICAN COLONY. *Colon. Waterbirds* 11(2):215-219. 1988. WR 213
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Pelecanus erythrorhynchos* in California.

89-005022 Bradley, J. S.; R. D. Wooller; I. J. Skira and D. L. Serventy. AGE-DEPENDENT SURVIVAL OF BREEDING SHORT-TAILED SHEARWATERS *PUFFINUS TENUIROSTRIS*. *J. Anim. Ecol.* 58(1):175-188. 1989. WR 213
[Biol. Sci., Murdoch Univ., Murdoch, W.A. 6150, Australia]

89-005023 Bretagnolle, Vincent. TEMPORAL PROGRESSION OF THE GIANT PETREL COURTSHIP. *Ethology* 80(1-4):245-254. 1989. WR 213
[CEBAS-CNRS, Beauvoir Niort F-79360, France] *Macronectes giganteus* in Antarctica.

89-005024 Brown, Christopher R. ENERGY REQUIREMENTS FOR GROWTH AND MAINTENANCE IN MACARONI AND ROCKHOPPER PENGUINS. *Polar Biol.* 8:95-102. 1987. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Eudyptes chrysolophus* and *E. chrysocome* in Marion Island.

89-005025 Brown, Christopher Raymond. ECOLOGICAL ENERGETICS OF *EUDYPTES* PENGUINS AT MARION ISLAND. *Ph.D. dissertation, Univ. Cape Town (South Africa)* 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2523. 1989. WR 213
E. chrysolophus and *E. chrysocome*.

89-005026 Chapman, Brian R. HISTORY OF THE WHITE PELICAN COLONIES IN SOUTH TEXAS AND NORTHERN TAMAULIPAS. *Colon. Waterbirds* 11(2):275-283. 1988. WR 213
[Dep. Biol., Corpus Christi State Univ., Corpus Christi, TX 78412] *Pelecanus erythrorhynchos*.

89-005027 Claypoole, Kim. FIRST NESTING OF THE DOUBLE-CRESTED CORMORANT AT ONEIDA LAKE, NEW YORK. *Kingbird* 38(4):235-236. 1988. WR 213
[Coop. Fish & Wildl. Res. Unit, U.S. Fish & Wildl. Serv., Dep. Environ. Conserv., Cornell Univ., Ithaca, NY 14853] *Phalacrocorax auritus*.

89-005028 Crivelli, Alain J.; Hans Jerrentrup and Taniu Mitchev. ELECTRIC POWER LINES: A CAUSE OF MORTALITY IN *PELECANUS CRISPUS* BRUCH, A WORLD ENDANGERED BIRD SPECIES, IN PORTO-LAGO, GREECE. *Colon. Waterbirds* 11(2):301-305. 1988. WR 213
[Stn. Biol. Tour du Valat, Le Sambuc, 13200 Arles, France]

89-005029 Cummings, Meri Veronica. THE FEEDING ENERGETICS OF THE DOUBLE-CRESTED CORMORANT IN BISCAYNE BAY, FLORIDA. *Ph.D. dissertation, Univ. Miami* 161p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(6):2023. 1988. Order No. DA8813681. WR 213
Phalacrocorax auritus.

89-005030 Davis, R. W.; J. P. Croxall and M. J. O'Connell. THE REPRODUCTIVE ENERGETICS OF GENTOO (*PYGOSCELIS PAPUA*) AND MACARONI (*EUDYPTES CHRYSOLOPHUS*) PENGUINS AT SOUTH GEORGIA. *J. Anim. Ecol.*

SEABIRDS AND ALLIES (CONTINUED)

89-005030 CONTINUED 58(1):59-74. 1989. WR 213
[Sea World Res. Inst., Hubbs Mar. Res. Cent., 1700 S. Shores Rd., San Diego, CA 92109]

89-005031 Dostine, P. L. and S. R. Morton. NOTES ON THE FOOD AND FEEDING HABITS OF CORMORANTS ON A TROPICAL FLOODPLAIN. *Emu* 88(4):263-266. 1988. WR 213
[Div. Wildl. & Ecol., CSIRO, P.O. Box 2111, Alice Springs, N.T. 5750, Australia] *Halietor melanoleucos* and *Phalacrocorax sulcirostris* in Australia.

89-005032 Duffy, David C.; Rory P. Wilson; Marie-Pierre Wilson and Braulio Araya M. SYMPATRY OF TWO PENGUIN SPECIES ON THE COAST OF CHILE. *Colon. Waterbird Soc. Newsl.* 12(2):26. 1988. Abstract only. WR 213
[Escuela Cienc. Ambientales, Univ. Nac., Heredia, Costa Rica] *Spheniscus humboldti* and *S. magellanicus*.

89-005033 Duffy, David Cameron and Augusta Daturi. DIEL RHYTHMS OF TICK PARASITISM ON INCUBATING AFRICAN PENGUINS. *Med. Vet. Entomol.* 1:103-106. 1987. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Spheniscus demersus* in South Africa.

89-005034 Duke, G. E.; A. R. Place and B. Jones. GASTRIC EMPTYING AND GASTROINTESTINAL MOTILITY IN LEACH'S STORM-PETREL CHICKS (*OCEANODROMA LEUCORHOA*). *Auk* 106(1):80-85. 1989. WR 213
[Dep. Vet. Biol., Univ. Minn., St. Paul 55108]

89-005035 Evans, Roger M. EGG TEMPERATURES AND PARENTAL BEHAVIOR DURING THE TRANSITION FROM INCUBATION TO BROODING IN THE AMERICAN WHITE PELICAN. *Auk* 106(1):26-33. 1989. WR 213
[Dep. Zool., Univ. Manitoba, Winnipeg, MB, Canada R3T 2N2] *Pelecanus erythrorhynchos* in Canada.

89-005036 Findholt, Scott. NEW AMERICAN WHITE PELICAN NESTING COLONY IN WYOMING. *West. Birds* 17(3):136-138. 1987. WR 213
[Wyo. State Training School, Lander 82520] *Pelecanus erythrorhynchos*.

89-005037 Findholt, Scott. STATUS, DISTRIBUTION AND HABITAT AFFINITIES OF DOUBLE-CRESTED CORMORANT NESTING COLONIES IN WYOMING. *Colon. Waterbirds* 11(2):245-251. 1988. WR 213
[Coop. Fish & Wildl. Res. Unit, Univ. Wyo., Laramie 82071] *Phalacrocorax auritus*.

89-005038 Fowler, J. A. and D. Hodson. THE MALLOPHAGA OF LEACH'S PETRELS *OCEANODROMA LEUCORHOA* FROM NORTH RONA, SCOTLAND. *Seabird* 11:47-49. 1988. WR 213
[David Attenborough Lab., Leicester Polytech., Scraptoft, Leicester LE7 9SU, England]

89-005039 Fry, D. Michael and Jack D. Swenson. BAND LOSS FROM SHEARWATERS: IMPLICATIONS FOR LONGEVITY ESTIMATES. *Colon. Waterbird Soc. Newsl.* 12(2):29. 1988. Abstract only. WR 213
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Puffinus pacificus*.

SEABIRDS AND ALLIES (CONTINUED)

89-005040 Ghebremeskel, K.; G. Williams; I. F. Keymer; D. Horsley and D. A. Gardner. PLASMA CHEMISTRY OF ROCKHOPPER (*EUDYPTES CRESTATUS*), MAGELLANIC (*SPHENISCUS MAGELLANICUS*) AND GENTOO (*PYGOSCELIS PAPUA*) WILD PENGUINS IN RELATION TO MOULT. *Comp. Biochem. Physiol. A Comp. Physiol.* 92(1):43-47. 1989. WR 213
[Dep. Nutr. Biochem., Inst. Zool., Zool. Soc., Regent's Park, London NW1 4RY, England]

89-005041 Ghebremeskel, K. and G. Williams. PRE- AND POST-MOULT PLASMA NUTRIENTS STATUS OF ROCKHOPPER (*EUDYPTES CRESTATUS*) AND MAGELLANIC (*SPHENISCUS MAGELLANICUS*) WILD PENGUINS. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 415-420. 1988. WR 213
[Dep. Nutr. Biochem., Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

89-005042 Gochfeld, Michael; Joanna Burger; Jorge Saliva and Deborah Gochfeld. HERALD PETREL NEW TO THE WEST INDIES. *Am. Birds* 42(5):1254-1258. 1988. WR 213
[Dep. Environ. & Comm. Med., UMDNJ, Robert Wood Johnson Med. School, Piscataway, NJ 08854] *Pterodroma heraldica*.

89-005043 Gulland, F. M. D.; K. Ghebremeskel; G. Williams and P. J. S. Olney. PLASMA VITAMINS A AND E, TOTAL LIPID AND CHOLESTEROL CONCENTRATIONS IN CAPTIVE JACKASS PENGUINS (*SPHENISCUS DEMERSUS*). *Vet. Rec.* 123(26/27):666-667. 1983. WR 213
[Large Anim., Res. Group, Dep. Zool., Univ. Cambridge, Downing St., Cambridge CB3 3ET, England]

89-005044 Haase, B. J. M. NOTES ON SEA-BIRDS 75: A SIGHT-RECORD OF A WHITE-BELLIED STORM PETREL *FREGETTA GRALLARIA* IN THE WESTERN PALEARCTIC. *Ardea* 76(2):210. 1988. In English with Dutch summ. WR 213
[Willem Kuyperstr. 68, 2584 XX Scheveningen, Netherlands]

89-005045 Haney, J. Christopher. FORAGING BY NORTHERN FULMARS (*FULMARIS GLACIALIS*) AT A NEARSHORE, ANTICYCLONIC TIDAL EDDY IN THE NORTHERN BERING SEA, ALASKA. *Colon. Waterbirds* 11(2):318-321. 1988. WR 213
[Fish & Wildl. Res. Cent., U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503]

89-005046 Hatch, Scott A. INDIVIDUAL VARIATION IN BEHAVIOR AND BREEDING SUCCESS OF NORTHERN FULMARS. *Colon. Waterbird Soc. Newsl.* 12(2):30. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., Fish & Wildl. Res. Cent., 1011 E. Tudor Rd., Anchorage, AK 99503] *Fulmarus glacialis*.

89-005047 Heath, Ralph T., Jr. HELP FOR HOOKED BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:99-102. 1982. WR 213
[Suncoast Seabird Sanctuary, Inc, 18328 Gulf Blvd., Indian Shores, FL 33535] *Pelecanus occidentalis*.

89-005048 Heinemann, Dennis; George L. Hunt and Inigo Everson. POOR CORRELATIONS BETWEEN ANTARCTIC KRILL AND THEIR PENGUIN PREDATORS: SAMPLING BIASES OR "SUBOPTIMAL" PREDATORS? *Colon. Waterbird Soc. Newsl.* 12(2):30. 1988. Abstract only. WR 213
[Manomet Bird Observ., Manomet, MA 02345]

SEABIRDS AND ALLIES (CONTINUED)

89-005049 Hemery, Georges and Christian Jouanin. [STATUS AND ORIGIN OF A POPULATION OF LEACH'S PETREL *OCEANODROMA LEUCORHOA* IN THE BAY OF BISCAY.] *Alauda* 56(3):238-245. 1988. In French with English summ. WR 213
[Cent. Rech. Biol. Popul. Oiseaux, Mus. Natl. Hist. Nat., 55 rue Buffon, 75005 Paris, France]

89-005050 Hindell, Mark A. THE DIET OF THE ROYAL PENGUIN *EUDYPTES SCHLEGELI* AT MACQUARIE ISLAND. *Emu* 88(4):219-226. 1988. WR 213
[Dep. Zool., Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-005051 Hindell, Mark A. THE DIET OF THE ROCKHOPPER PENGUIN *EUDYPTES CHRYSOCOME* AT MACQUARIE ISLAND. *Emu* 88(4):227-233. 1988. WR 213
[Dep. Zool., Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-005052 Hobson, Keith A. PEBBLES IN NESTS OF DOUBLE-CRESTED CORMORANTS. *Wilson Bull*. 101(1):107-108. 1989. WR 213
[Dep. Zool., Univ. Manitoba, Winnipeg, MB, Canada R3T 2N2] *Phalacrocorax auritus* in Canada.

89-005053 Holloway, Harry L., Jr. *PARORCHITES ZEDERI* CYSTS IN EMPEROR PENGUINS. *Trans. Am. Microsc. Soc*. 108(1):109. 1989. Abstract only. WR 213
[Biol. Dep., Univ. N.D., Grand Forks] *Aptenodytes forsteri*.

89-005054 Jablonski, B. DIURNAL PATTERN OF CHANGES IN THE NUMBER OF PENGUINS ON LAND AND THE ESTIMATION OF THEIR ABUNDANCE (ADMIRALTY BAY, KING GEORGE I., SOUTH SHETLAND ISLANDS). *Acta Zool. Cracov*. 30(1-11):97-118. 1987. From Ecol. Abstr. 88/5:88L/6986. 1988. WR 213
Pygoscelis papua, *P. adeliae*, and *P. antarctica* in Antarctica.

89-005055 King, Dianna; Sandra Middleton-Smith; Beatrice Busch and Ralph T. Heath, Jr. REPRODUCTION OF BROWN PELICANS IN CAPTIVITY. *Annu. Symp. Natl. Wildl. Rehab. Assoc*. 1:92-97. 1982. WR 213
[Suncoast Seabird Sanctuary, 18328 Gulf Blvd., Indian Shores, FL 33535] *Pelecanus occidentalis*.

89-005056 Lee, David S. BIASES IN AGE AND SEX RATIOS OF SEABIRDS OFF THE NORTH CAROLINA COAST. *Colon. Waterbird Soc. Newsl*. 12(2):32. 1988. Abstract only. WR 213
[N.C. State Mus., P.O. Box 27647, Raleigh, NC 27611] *Fulmarus glacialis*.

89-005057 Mendenhall, Vivian M. and Arthur L. Sowls. THE CATALOG OF ALASKAN SEABIRD COLONIES. *Colon. Waterbird Soc. Newsl*. 12(2):33. 1988. Abstract only. WR 213
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503]

89-005058 Moczydlowski, E. MICROCLIMATE OF THE NEST-SITES OF PYGOSCELID PENGUINS (ADMIRALTY BAY, SOUTH SHETLAND ISLANDS). *Pol. Polar Res*. 7(4):377-394. 1986. From Ecol. Abstr. 88/5:88L/6985. 1988. WR 213
Pygoscelis adeliae, *P. antarctica*, and *P. papua* in Canada.

89-005059 Mougin, Jean-Louis. [PRELIMINARY DATA ON THE STRUCTURE AND DYNAMICS OF THE POPULATION OF THE BULWER'S PETREL *BULWERIA BULWERII* OF SELVAGEM GRANDE ISLAND (30°09'N, 15°52'W).] *C.R. Acad. Sci. Ser.*

SEABIRDS AND ALLIES (CONTINUED)

89-005059 CONTINUED *III Sci. Vie* 308(4):103-106. 1989. In French with English summ. WR 213
[Mus. Natl. Hist. Nat., Lab. Zool. (Mammiferes & Oiseaux), 55 rue Buffon, 75005 Paris, France]

89-005060 Norton, Robert L. THE DENSITY AND RELATIVE ABUNDANCE OF PELECANIFORMES ON THE EASTERN PUERTO RICO BANK IN DECEMBER 1982. *Caribb. J. Sci*. 24(1-2):28-31. 1988. WR 213
[P.O. Box 243, Cruz Bay, St. John, VI 00830] *Sula sula, S. dactylatra, S. leucogaster, Fregata magnificens, Phaethon lepturus, P. aethereus*, and *Pelecanus occidentalis*.

89-005061 Parmelee, D. F. and J. M. Parmelee. REVISED PENGUIN NUMBERS AND DISTRIBUTION FOR ANVERS ISLAND, ANTARCTICA. *Br. Antarct. Surv. Bull*. 76:65-73. 1987. From Ecol. Abstr. 88/5:88L/7061. 1988. WR 213
Pygoscelia adeliae, P. antarctica, P. papua, Eudyptes chrysolophus, and *Aptenodytes patagonica*.

89-005062 Pennycuick, C. J. SPAN-RATIO ANALYSIS USED TO ESTIMATE EFFECTIVE LIFT:DRAG RATIO IN THE DOUBLE-CRESTED CORMORANT *PHALACROCORAX AURITUS* FROM FIELD OBSERVATIONS. *J. Exp. Biol*. 142:1-15. 1989. WR 213
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124]

89-005063 Pierson, Elizabeth Cary; Charles E. Huntington and Nathaniel T. Wheelwright. HOMING EXPERIMENT WITH LEACH'S STORM-PETRELS. *Auk* 106(1):148-150. 1989. WR 213
[Huntington: Dep. Biol., Bowdoin Coll., Brunswick, MA 04011] *Oceanodroma leucorhoa*.

89-005064 Schaffner, F. C.; M. R. Fuller; C. J. Pennycuick and H. H. Obrecht III. RADIO TRACKING OF WHITE-TAILED TROPICBIRDS OVER THE CARIBBEAN SEA. *Colon. Waterbird Soc. Newsl*. 12(2):37. 1988. Abstract only. WR 213
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] *Phaethon lepturus* in Puerto Rico.

89-005065 Sellin, Dietrich. [ON THE OVERWINTER FEEDING AND ROOSTING BEHAVIOR OF THE CORMORANT *PHALACROCORAX CARBO* IN THE GREIFSWALDER BODDEN EAST GERMANY.] *Beitr. Vogelkd*. 32(5/6):281-294. 1986. In German with English and Russian summ. WR 213
[Dubnaring 1, Greifswalder DDR-2200, East Germany]

89-005066 Shuntov, V. P. [ABUNDANCE AND DISTRIBUTION OF SEA BIRDS IN THE EASTERN PART OF THE USSR FAR EAST ECONOMIC ZONE IN AUTUMN. 1. SEA BIRDS IN THE WEST OF THE BERING SEA.] *Zool. Zh*. 67(10):1538-1548. 1988. In Russian with English summ. WR 213
[Pac. Res. Inst. Fish. & Oceanogr., Vladivostok, USSR]

89-005067 Siegel-Causey, Douglas. SIX THOUSAND YEAR HISTORY OF ANTARCTIC SHAGS IN TIERRA DEL FUEGO. *Colon. Waterbird Soc. Newsl*. 12(2):38. 1988. Abstract only. WR 213
[Mus. Nat. Hist., Univ. Kans., Lawrence 66045] *Notocarbo bransfieldensis*.

SEABIRDS AND ALLIES (CONTINUED)

89-005068 Siegel-Causey, Douglas. CRANIAL PNEUMATIZATION IN THE PHALACROCORACIDAE. *Wilson Bull.* 101(1):108-112. 1989. WR 213
[Mus. Nat. Hist. & Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045-2454] *Phalacrocorax* spp.

89-005069 Stallcup, Richard; Joseph Morlan and Don Roberson. FIRST RECORD OF THE WEDGE-TAILED SHEARWATER IN CALIFORNIA. *West. Birds* 19(2):61-68. 1988. WR 213
[Box 36, Iverness, CA 94937] *Puffinus pacificus*.

89-005070 Strangeman, P. J. THE STATUS OF THE CORMORANT IN THE LONDON AREA. *London Bird Rep.* No. 52. p. 173-194. 1987. WR 213
[146 Chipstead Way, Banstead, Surrey SM7 3JR, England] *Phalacrocorax carbo* in England.

89-005071 Suburo, Anglea Maria; Mabel Marcantoni and Jose Alejandro Scolaro. THE STRUCTURE OF THE EYE IN *SPHENISCUS MAGELLANICUS*: DIMENSIONS OF THE CORNEA AND LENS IN DIFFERENT AGE GROUPS. *Colon. Waterbirds* 11(2):227-233. 1988. In English with Spanish summ. WR 213
[Inst. Neurobiol., Serrano 661, 1414 Buenos Aires, Argentina]

89-005072 Tyler, Wm. Breck and Kenneth Burton. A COOK'S PETREL SPECIMEN FROM CALIFORNIA. *West. Birds* 17(2):79-84. 1986. WR 213
[Inst. Mar. Sci., Univ. Calif., Santa Cruz 95064] *Pterodroma cooki*.

89-005073 van den Berg, Arnoud B. [OCCURRENCE OF NORTH ATLANTIC CORMORANT IN THE NETHERLANDS.] *Dutch Birding* 10(4):186. 1988. In Dutch with English summ. WR 213
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Phalacrocorax carbo carbo*.

89-005074 Wahl, Terence R. NOTES ON THE FEEDING BEHAVIOR OF BULLER'S SHEARWATER. *West. Birds* 17(1):45-47. 1986. WR 213
[Dep. Biol., West. Wash. Univ., Bellingham 98225] *Puffinus bulleri* in Washington.

89-005075 Wasilewski, A. ECOLOGICAL ASPECTS OF THE BREEDING CYCLE IN THE WILSON'S STORM PETREL, *OCEANITES OCEANICUS* (KUHL), AT KING GEORGE ISLAND (SOUTH SHETLAND ISLANDS, ANTARCTICA). *Pol. Polar Res.* 7(3):173-216. 1986. From Ecol. Abstr. 88/5:88L/6989. 1988. WR 213

89-005076 Watanuki, Yutaka; Norihisa Kondo and Hajime Nakagawa. [STATUS OF SEABIRDS BREEDING IN HOKKAIDO.] *Jpn. J. Ornithol.* 37(1):17-32. 1988. In Japanese with English summ. WR 213
[Inst. Appl. Zool., Hokkaido Univ., Kita-ku, Kita-9, Nishi-9, Sapporo 060, Japan]

89-005077 Weseloh, D. V. Chip and Peter S. Ross. SEVERITY OF BILL DEFORMITIES IN DOUBLE-CRESTED CORMORANTS FROM THE GREAT LAKES AND LAKE WINNIPEGOSIS, MANITOBA, CANADA. *Colon. Waterbird Soc. Newsl.* 12(2):40. 1988. Abstract only. WR 213
[Canadian Wildl. Serv., Box 5050, Burlington, ON, Canada L7R 4A6] *Phalacrocorax auritus*.

SEABIRDS AND ALLIES (CONTINUED)

89-005078 Wilson, Rory P.; Marie-Pierre Wilson; David Cameron Duffy; Braulio Araya M. and Norbert Klages. DIVING BEHAVIOUR AND PREY OF THE HUMBOLDT PENGUIN (*SPHENISCUS HUMBOLDTI*). *J. Ornithol.* 130(1):75-79. 1989. In English with German summ. WR 213
[Inst. Meereskunde, Univ. Kiel, Dusternbrooker Weg 20, D-2300 Kiel 1, West Germany]

89-005079 Wilson, Rory P. and Marie-Pierre T. Wilson. A PECK ACTIVITY RECORD FOR BIRDS FITTED WITH DEVICES. *J. Field Ornithol.* 60(1):104-108. 1989. In English with Spanish summ. WR 213
[Inst. Meereskunde Univ. Kiel, Dusternbrooker Weg 20, D-2300 Kiel 1, West Germany] *Spheniscus demersus* in South Africa.

89-005080 Wood, Andy G. ALBATROSS BIOLOGY AND AN ORACLE DATABASE: WHAT RELATION? *Colon. Waterbird Soc. Newsl.* 12(2):41. 1988. Abstract only. WR 213
[British Antarct. Surv., High Cross, Madingley Rd., Cambridge CB3 0ET, England]

89-005081 Zonfrillo, B. THE FEATHER LOUSE *HALIPEURUS GRAVIS GRAVIS*, TIMMERMANN, 1961 (MALLOPHAGA: PHILOPTERIDAE) FROM A SOOTY SHEARWATER *PUFFINUS GRISEUS* IN SCOTLAND. *Seabird* 11:17-18. 1988. WR 213
[28 Brodie Rd., Glasgow G21 3SB, Scotland]

RAPTORS

89-005082 Allan, David. BREEDING SUCCESS, NEST SPACING AND TERRITORY SIZE OF BLACK EAGLES IN THE MAGALIESBERG, SOUTH AFRICA. *Gabar* 3(2):76-81. 1988. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Aquila verreauxi*.

89-005083 Amitai, Aharoni. [THE WILDLIFE OF TURKEY AND THE SPARROWHAWK FROM THE TRABZOND CHURCH.] *Torgos* 7(2):94-96, 99. 1988. In Hebrew with English summ. WR 213

89-005084 Anthony, Robert G. and Frank B. Isaacs. CHARACTERISTICS OF BALD EAGLE NEST SITES IN OREGON. *J. Wildl. Manage.* 53(1):148-159. 1989. WR 213
[Coop. Wildl. Res. Unit, Dep. Fish. & Wildl., Oreg. State Univ., Corvallis 97331-3803] *Haliaeetus leucocephalus*.

89-005085 Atkins, J. D. WESTERN RED-FOOTED FALCONS, *FALCO VESPERTINUS*, NEAR NGULUDI TURN-OFF. *Nyala* 12(1/2):80-81. 1988. WR 213
[P.O. Box 51096, Limbe, Malawi]

89-005086 Ault, Steven J. and Edwin W. House. ELECTRORETINOGRAPHIC RESPONSES OF THE GREAT HORNED OWL (*BUBO VIRGINIANUS*). *J. Raptor Res.* 21(4):147-152. 1987. WR 213
[Dep. Anat., Univ. Utah School Med., Salt Lake City 84132]

89-005087 Aumann, T. BREEDING BEHAVIOUR OF THE BROWN GOSHAWK *ACCIPITER FASCIATUS*. *Aust. Bird Watcher* 12(8):258-267. 1988. WR 213
[Lot 1 Hansens Creek Rd., Hoddles Creek, Vic. 3139, Australia]

RAPTORS (CONTINUED)

89-005088 Aumann, T. FORAGING BEHAVIOUR OF THE BROWN GOSHAWK (*ACCIPITER FASCIATUS*) IN SOUTHEASTERN AUSTRALIA. *J. Raptor Res.* 22(1):17-21. 1988. WR 213
[Lot 1, Hansens Creek Rd., Hoddles Creek, Vic. 3139, Australia]

89-005089 Ausloos, Brian J. and Ricky Lien. THE 1988 PEREGRINE FALCON RELEASE AT MADISON, WISCONSIN. *Passenger Pigeon* 50(4):305-309. 1988. WR 213
[Rt. 1, Oakfield, WI 53065] *Falco peregrinus*.

89-005090 Bakewell, D. N.; G. J. Carey and M. D. Williams. SOME NOTES ON 'RINGTAIL' HARRIERS OCCURRING IN HONG KONG. *Hong Kong Bird Rep.* 1987:64-75. 1988. WR 213
[Hong Kong Bird Watching Soc., G.P.O. Box 12460, Hong Kong] *Circus aeruginosus*, *C. melanoleucos*, and *C. cyaneus*.

89-005091 Barber, John C. and Margaret M. Barber. PREY OF AN URBAN PEREGRINE FALCON - PART II. *Md. Birdlife* 44(2):37-39. 1988. WR 213
[803 Glen Allen Dr., Baltimore, MD 21229] *Falco peregrinus*.

89-005092 Barclay, John H. AUGMENTING WILD POPULATIONS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 239-247. 1987. WR 213
[Peregrine Fund, Inc., 159 Sapsucker Woods Rd., Ithaca, NY 14850]

89-005093 Barrentine, C. D. and K. D. Ewing. A CAPTURE TECHNIQUE FOR BURROWING OWLS. *N. Am. Bird Bander* 13(4):107. 1988. WR 213
[Dep. Biol., Calif. State Univ., Bakersfield 93311-1099] *Athene cunicularia* in California.

89-005094 Bavoux, Chr.; G. Burneleau; P. Nicolau-Guillaumet and E. Pasquet. [THE MARSH HARRIER *CIRCUS A. AERUGINOSUS* IN CHARENTE-MARITIME (FRANCE).] *Alauda* 56(3):246-260. 1988. In French with English summ. WR 213
[56 rue St. Jean, Cheray, 17190 St. George, France]

89-005095 Beklova, Miroslava and Jiri Pikula. THE ECOLOGICAL, QUANTITATIVE DISTRIBUTION OF *BUTEO BUTEO* IN CZECHOSLOVAKIA. *Folia Zool.* 37(3):241-254. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol., CSAV, Kvetna 8, 603 65 Brno, Czechoslovakia]

89-005096 Bijlsma, Rob G. [THE GOSHAWK *ACCIPITER GENTILIS* IN THE NETHERLANDS IN THE 20th CENTURY.] *Limosa* 61(3/4):133-136. 1988. In Dutch with English summ. WR 213
[Bovenweg 36, 6721 HZ Bennekom, Netherlands]

89-005097 Bird, David M. CAPTIVE BREEDING: SMALL FALCONS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 364-371. 1987. WR 213
[Macdonald Raptor Res. Cent., McGill Univ., 21111 Lakeshore Rd., Ste. Anne de Bellevue, PQ, Canada H9X 1C0]

89-005098 Bird, David M. PHYSIOLOGY: REPRODUCTIVE PHYSIOLOGY. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 276-287. 1987. WR 213
[Macdonald Raptor Res. Cent., McGill Univ., 21,000 Lakeshore Rd., Ste. Anne de Bellevue, PQ, Canada H9X 1C0]

RAPTORS (CONTINUED)

89-005099 Birkhead, T. R. and C. M. Lessells. COPULATION BEHAVIOUR OF THE OSPREY *PANDION HALIAETUS*. *Anim. Behav.* 36(6):1672-1682. 1988. WR 213
[Dep. Anim. Biol., The Univ., Sheffield S10 2TN, England]

89-005100 Bloom, Peter H. CAPTURING AND HANDLING RAPTORS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 99-123. 1987. WR 213
[Natl. Audubon Soc., Condor Res. Cent., 2291-A Portola Rd., Ventura, CA 93003]

89-005101 Bohm, Robert T. THREE BALD EAGLE NESTS ON A MINNESOTA TRANSMISSION LINE. *J. Raptor Res.* 22(1):34. 1988. WR 213
[Minn. Power Co., Environ. Dep., 30 W. Superior St., Duluth 55802] *Haliaeetus leucocephalus*.

89-005102 Borrmann, Klaus. [NEW OBSERVATION OF THE EAGLE-OWL *BUBO BUBO* IN UCKERMARK, EAST GERMANY.] *Beitr. Vogelkd.* 32(3):191-192. 1986. In German. WR 213
[Kr. Neustrelitz, DDR-2081 Luettenhagen, East Germany]

89-005103 Boxall, Peter C. and M. Ross Lein. TIME BUDGETS AND ACTIVITY OF WINTERING SNOWY OWLS. *J. Field Ornithol.* 60(1):20-29. 1989. In English with Spanish summ. WR 213
[Lein: Div. Ecol., Dep. Biol. Sci., Univ. Calgary, Calgary, AB, Canada T2N 1N4] *Nyctea scandiaca* in Canada.

89-005104 Branfield, A. S. RESIDUAL THROAT BAR IN LIZARD BUZZARDS IN THE CAPRIVI, NAMIBIA. *Gabar* 3(2):102. 1988. WR 213
[28 Tefelboom Rd., Weltevreden Park Ext. 26, Roodepoort 1710, South Africa] *Kaupifalco monogrammicus*.

89-005105 Brazil, Mark. THE FISH OWL'S FALL FROM GRACE. *New Sci.* 121(1647):48-52. 1989. WR 213
Ketupa blakistoni.

89-005106 British Birds. GOSHAWK BREEDING HABITAT IN LOWLAND BRITAIN. *Br. Birds* 82(2):56-67. 1989. WR 213
[Fountain, Park Ln., Blunham, Bedford MK4 3NJ, England] *Accipiter gentiles*.

89-005107 Brown, Bryan T. ADDITIONAL BALD EAGLE NESTING RECORDS FROM SONORA, MEXICO. *J. Raptor Res.* 22(1):30-32. 1988. WR 213
[Natl. Park Serv., P.O. Box 41058, Tucson, AZ 85717] *Haliaeetus leucocephalus*.

89-005108 Brown, Christopher J.; Mark W. Paxton and Isgart Henrichsen. ASPECTS OF THE BIOLOGY OF THE GREATER KESTREL IN SWA/NAMIBIA. *Madoqua* 15(2):147-156. 1987. WR 213
[Dir. Nat. Conserv. & Recreation Resorts, P.B. 13306, Windhoek 9000, Namibia] *Falco rupicoloides*.

89-005109 Bull, Evelyn L.; Mark G. Henjum and Ronald S. Rohweder. DIET AND OPTIMAL FORAGING OF GREAT GRAY OWLS. *J. Wildl. Manage.* 53(1):47-50. 1989. WR 213
[U.S. For. Serv., For. & Range Sci. Lab., La Grande, OR 97850] *Strix nebulosa* in Oregon.

RAPTORS (CONTINUED)

89-005110 Burnham, William A.; James D. Weaver and Tom J. Cade. CAPTIVE BREEDING: LARGE FALCONS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 359-364. 1987. WR 213
[Peregrine Fund, Inc., 5666 W. Flying Hawk Ln., Boise, ID 83709]

89-005111 Butynski, Thomas M. and Jan Kalina. FIRST RUFOUS-CHESTED SPARROWHAWK BREEDING RECORD FOR EAST AFRICA. *Gabar* 3(2):94-98. 1988. WR 213
[Impenetrable For. Conserv. Project, Zool. Dep., Makerere Univ., Box 7062, Kampala, Uganda]

89-005112 Carpenter, Hope A. SUGGESTIONS FOR MAINTENANCE OF INJURED OSPREYS IN CAPTIVITY. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:65-68. 1987. WR 213
[Raptor & Wildl. Assoc., Inc., R.D. 1, Box 1470, Mt. Bethel, PA 18343] *Pandion haliaetus*.

89-005113 Carpenter, James W.; Robert R. Gabel and Stanley N. Wiemeyer. CAPTIVE BREEDING: EAGLES. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 349-356. 1987. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-005114 Chanson, J. M.; P. Courbet; P. Giraudoux; G. Michaud and D. Michelat. [STUDY OF THE BREEDING AND MOVEMENTS OF BARN OWLS *TYTO ALBA* IN FRANCHE-COMTE, EASTERN FRANCE: A LOOK AT THE METHODOLOGY.] *Alauda* 56(3):197-225. 1988. In French with English summ. WR 213
[Villers-les-Luxeuil, 70300 Luxeuil, France]

89-005115 Cochran, William W. TELEMETRY TECHNIQUES FOR THE STUDY OF RAPTOR MIGRATION. *J. Raptor Res.* 21(4):142-143. 1987. WR 213
[Nat. Hist. Surv., 607 E. Peabody Dr., Champaign, IL 68120]

89-005116 Collins, Paul W.; Charles Drost and Gary M. Fellers. MIGRATORY STATUS OF FLAMMULATED OWLS IN CALIFORNIA, WITH RECENT RECORDS FROM THE CALIFORNIA CHANNEL ISLANDS. *West. Birds* 17(1):21-31. 1986. WR 213
[Santa Barbara Mus. Nat. Hist., 2559 Puesta Del Sol, Santa Barbara, CA 93105] *Otus flammeolus*.

89-005117 Collopy, Michael W. and Thomas C. Edwards, Jr. TERRITORY SIZE, ACTIVITY BUDGET, AND ROLE OF UNDULATING FLIGHT IN NESTING GOLDEN EAGLES. *J. Field Ornithol.* 60(1):43-51. 1989. In English with Spanish summ. WR 213
[Dep. Wildl. & Range Sci., 118 Newins-Ziegler Hall, Univ. Fla., Gainesville 32611-0304] *Aquila chrysaetos*.

89-005118 Contreras, Julio Rafael. [ON THE PEARL KITE, *GAMPSONYX SWAINSONI SWAINSONI* VIGORS, 1835, IN THE ARGENTINE REPUBLIC (AVES: ACCIPITRIDAE).] *Hist. Nat.* 6(9):83-84. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

89-005119 Contreras, Julio Rafael. [ON THE PRESENCE OF THE SPOT-WINGED FALCONET, *SPIZIAPTERYX CIRCUMCINCTUS* (KAUP) IN THE PROVINCE OF CORRIENTES, ARGENTINA (AVES: FALCONIDAE).] *Hist. Nat.* 6(10):91-92. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

RAPTORS (CONTINUED)

89-005120 Cooper, John E. PATHOLOGY. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 331-347. 1987. WR 213
[Dep. Pathol., Royal Coll. Surgeons, 35-43 Lincoln's Inn Fields, London WC2A 3PN, England]

89-005121 Crawford, Walter C., Jr. FALCONRY AND RAPTOR REHABILITATION -A CHALLENGING BROTHERHOOD. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:37-45. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025]

89-005122 Crawford, Walter C., Jr. TECHNIQUES FOR ARTIFICIAL INCUBATION AND HAND-REARING OF RAPTORS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:143-152. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025]

89-005123 Crawford, Walter C., Jr. THE CONSTRUCTION AND FEASIBILITY OF ARTIFICIAL LEGS IN RAPTORS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:82-85. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025]

89-005124 Crawford, Walter C., Jr. CAPTIVE BREEDING: HAWKS AND HARRIERS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 356-359. 1987. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., P.O. Box 193, Eureka, MO 63025]

89-005125 Cress, Gary A. and William M. Langley. EFFECT OF ANNUAL AND HABITAT VARIATIONS IN PREY ON THE GROWTH AND PRODUCTIVITY OF RED-TAILED HAWKS (*BUTEO JAMAICENSIS*). *Trans. Kans. Acad. Sci.* 91(3-4):96-102. 1988. WR 213
[Langley: 2267 N. Yale, Wichita, KS 67220]

89-005126 Dathe, Heinrich. [HEAVY SPRING MIGRATION OF THE SPARROWHAWK *ACCIPITER NISUS* ON THE BALTIC SEA COAST.] *Beitr. Vogelkd.* 32(1):53-54. 1986. In German. WR 213
[Am Tierpark 125, DDR-1136 Berlin, East Germany]

89-005127 Dathe, Heinrich. [ON THE DIET OF A LONG-EARED OWL (*ASIO OTUS*) WITHIN THE CITY OF BERLIN, EAST GERMANY.] *Beitr. Vogelkd.* 34(1):41-46. 1988. In German. WR 213
[Am Tierpark 125, Berlin DDR-1136, East Germany]

89-005128 Davis, Ilse. RAPTORS IN THE SPOTLIGHT. *S. Afr. Panorama* 33(11):34-39. 1988. WR 213

89-005129 de Bruijn, Onno. [RINGING RECOVERY OF AN EAGLE OWL *BUBO BUBO* IN THE NETHERLANDS.] *Limosa* 61(3/4):190-192. 1988. In Dutch with English summ. WR 213
[Morshoekweg 39, 7552 PE Hengelo (Ov), Netherlands]

RAPTORS (CONTINUED)

89-005130 De Swardt, Dawid. BLACKSHOULDERED KITE BREEDING IN SUMMER AT ROODEPLAATDAM NATURE RESERVE, SOUTH AFRICA. *Gabar* 3(2):101-102. 1988. WR 213
[Roodeplaatdam Nat. Reserv., Box 15163, Lynn East 0039, South Africa] *Elanus caeruleus*.

89-005131 Dewhurst, C. F.; G. R. Cuningham van Someren; R. G. Allan and S. Thomsett. OBSERVATION ON THE BREEDING ECOLOGY OF AYRES' HAWK EAGLE *HIERAAETUS AYRESII* AT KAREN, NAIROBI, KENYA. *Gabar* 3(2):85-93. 1988. WR 213
[Box 30023, Nairobi, Kenya]

89-005132 Dierenfeld, Ellen S.; Calvin E. Sandfort and William C. Satterfield. INFLUENCE OF DIET ON PLASMA VITAMIN E IN CAPTIVE PEREGRINE FALCONS. *J. Wildl. Manage.* 53(1):160-164. 1989. WR 213
[Anim. Health Cent., N.Y. Zool. Soc., 185th St. & Southern Blvd., Bronx, NY 10460] *Falco peregrinus*.

89-005133 Dijkstra, C.; S. Daan; T. Meijer; A. J. Cave and R. P. B. Foppen. DAILY AND SEASONAL VARIATIONS IN BODY MASS OF THE KESTREL IN RELATION TO FOOD AVAILABILITY AND REPRODUCTION. *Ardea* 76(2):127-140. 1988. In English with Dutch summ. WR 213
[Zool. Lab., Univ. Groningen, P.O. Box 14, 9750 AA Haren, Netherlands] *Falco tinnunculus* in Netherlands.

89-005134 Donazar, Jose A. and Olga Ceballos. [THE PREY OF THE EAGLE OWL *BUBO BUBO* AT A LOCALITY HIGH IN THE SPANISH PYRENEES.] *Alauda* 56(3):274-276. 1988. In French with English summ. WR 213
[Unidad Estruct. Zool., Mus. Nac. Cienc. Nat., Jose Gutierrez Abascal 2, 28006 Madrid, Spain]

89-005135 Dowsett, R. J. and A. C. Kemp. THE CLAIMED OCCURRENCES OF LONG-LEGGED BUZZARDS *BUTEO RUFINUS* IN AFRICA SOUTH OF THE EQUATOR. *Gabar* 3(2):67-69. 1988. WR 213
[Rue de Bois de Breux 194, B-4500 Jupille-Liege, Belgium]

89-005136 Duke, Gary E. PHILOSOPHY AND OPERATION OF THE UNIVERSITY OF MINNESOTA RAPTOR RESEARCH AND REHABILITATION PROGRAM. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:1-10. 1982. WR 213
[Dep. Vet. Biol., Univ. Minn., St. Paul 55108]

89-005137 Duke, Gary E. PHYSIOLOGY: GASTROINTESTINAL PHYSIOLOGY AND NUTRITION. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 262-269. 1987. WR 213
[Dep. Vet. Biol., Coll. Vet. Med., 295 Animal Science Bldg., Univ. Minn., St. Paul 55108]

89-005138 Dunne, Peter. INTRODUCTION TO RAPTOR IDENTIFICATION, AGING AND SEXING TECHNIQUES. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 13-21. 1987. WR 213
[N.J. Audubon Soc., P.O. Box 3, Cape May Point 08212]

89-005139 Eakle, Wade L. PREY REMAINS FROM GOLDEN EAGLE NESTS IN CENTRAL ARIZONA. *West. Birds* 17(2):87-89. 1986. WR 213
[Dames & Moore, 7500 N. Dreamy Draw Rd., Suite 145, Phoenix, AZ 85020]

RAPTORS (CONTINUED)

89-005140 Ehresman, Bruce L.; Douglas A. Reeves and Kerry P. Schlarbaum. POST RELEASE SURVIVAL AND MOVEMENTS OF CAPTIVE-REARED COMMON BARN OWLS IN IOWA. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:133-150. 1988. WR 213
[Dep. Nat. Resour., Wildl. Res. Stn., RR #1, Ledges Rd., Boone, IA 50036] *Tyto alba pratincola.*

89-005141 Ellis, David H.; Dwight G. Smith and Philip L. Wright. BARRED OWL SPECIMEN RECORDS FOR MONTANA. *West. Birds* 18(4):217-218. 1987. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Strix varia.*

89-005142 Fox, N. C. A UNILATERAL EXTRA DIGIT IN A WILD COMMON BUZZARD (*BUTEO BUTEO*). *Avian Pathol.* 18(1):193-196. 1989. In English with French, German, and Spanish summ. WR 213
[Wildl. Lab., Carmarthenshire Coll. Technol. & Art, Job's Well Rd., Campus, Carmarthen, Dyfed SA31 3HY, Wales]

89-005143 Frikke, John. [OBSERVATIONS OF RAPTORS AT BLAVANDSHUK 1963-1976.] *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):7-12. 1988. In Danish with English summ. WR 213
[Parkvej 151, 6710 Esbjerg V., Denmark]

89-005144 Fuller, Mark R. and James A. Mosher. RAPTOR SURVEY TECHNIQUES. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 37-65. 1987. WR 213
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

89-005145 Gamauf, Anita. [THE INFLUENCE OF FOREST DIEBACK ON NEST-TREE UTILIZATION IN SOME RAPTOR SPECIES (ACCIPITRIDAE).] *Ecol. Birds* 10(1):79-83. 1988. In German with English summ. WR 213
[Inst. Vergleichende Verhaltensforschung Austrian Akad. Wissenschaften, Savoyenstr. 1, A-1160 Vienna, Austria] *Buteo buteo, Pernis apivorus, Accipiter nisus,* and *A. gentilis* in Austria.

89-005146 Garcelon, David K. THE REINTRODUCTION OF BALD EAGLES ON SANTA CATALINA ISLAND, CALIFORNIA. *M.S. thesis, Humboldt State Univ.* 1988. WR 213
Haliaeetus leucocephalus.

89-005147 Garrison, Barrett A. OBSERVATION OF COPULATION BETWEEN A NON-NESTING ADULT AND SUBADULT BALD EAGLE IN CALIFORNIA. *West. Birds* 17(2):85-86. 1986. WR 213
[4252 Mason Ln., Sacramento, CA 95821] *Haliaeetus leucocephalus.*

89-005148 Gatz, Thomas A. and Paul L. Hegdal. LOCAL WINTER MOVEMENTS OF FOUR RAPTOR SPECIES IN CENTRAL COLORADO. *West. Birds* 17(3):107-114. 1987. WR 213
[Environ. Div., U.S. Bur. Reclamation, P.O. Box 9980, Phoenix, AZ 85068] *Buteo jamaicensis, B. lagopus, Bubo virginianus,* and *Falco mexicanus.*

89-005149 Gaucher, Philippe; Thierry Petit and Peter Symens. NOTES ON THE STUDY OF THE SOOTY FALCON (*FALCO CONCOLOR*) DURING ITS BREEDING SEASON IN SAUDI ARABIA. *Alauda* 56(3):277-283. 1988. In English with French summ. WR 213
[P.O. Box 1086, Taif, Saudi Arabia]

RAPTORS (CONTINUED)

89-005150 Gessaman, James A. ENERGETICS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 289-320. 1987. WR 213
[Dep. Biol. & Ecol. Cent., Utah State Univ., Logan 84322]

89-005151 Giron Pendleton, Beth A.; Brian A. Millsap; Keith W. Cline and David M. Bird, editors. RAPTOR MANAGEMENT TECHNIQUES MANUAL. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. 420p. 1987. WR 213
Individual papers indexed in this issue of *Wildlife Review*.

89-005152 Goodman, Steven M. and C. Vance Haynes, Jr. THE DISTRIBUTION BREEDING SEASON, AND FOOD HABITS OF THE LANNER FROM THE EASTERN SAHARA. *Natl. Geogr. Res.* 5(1)126-131. 1989. WR 213
[Mus. Zool., Univ. Mich., Ann Arbor 48109] *Falco biarmicus*.

89-005153 Grier, James W. and Richard W. Fyfe. PREVENTING RESEARCH AND MANAGEMENT DISTURBANCE. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 173-182. 1987. WR 213
[Zool. Dep., N.D. State Univ. Fargo 58105]

89-005154 Grubb, Teryl G. PATTERN RECOGNITION - A SIMPLE MODEL FOR EVALUATING WILDLIFE HABITAT. *U.S. For. Serv. Res. Note* RM-487. 5p. 1988. WR 213
[Res. Wildl. Biol., Rocky Mountain Range Exp. Stn., Res. Work Unit, Ariz. State Univ., Tempe] *Haliaeetus leucocephalus*.

89-005155 Gulley, Jane. HOW TO ORGANIZE A SUCCESSFUL STATEWIDE EDUCATION PROGRAM ON BIRDS OF PREY. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:175-181. 1982. WR 213
[3103 Imperial Valley Dr., Little Rock, AR 72212]

89-005156 Hamilton, Layne L.; Phillip J. Zwank and Glenn H. Olsen. MOVEMENTS AND SURVIVAL OF RELEASED, REHABILITATED HAWKS. *J. Raptor Res.* 22(1):22-26. 1988. WR 213
[Coop. Fish & Wildl. Res. Unit, La. State Univ., Agric. Cent., Baton Rouge 70803] *Buteo jamaicensis* and *B. lineatus* in Louisiana.

89-005157 Hancock, Betsy. RAPTOR REHABILITATION IN NEBRASKA: A MULTIFACETED APPROACH. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:45-48. 1982. WR 213
[Wachiska Audubon Soc., Rt. 13, Lincoln, NE 68527]

89-005158 Harold, R. SQUEAL CALL OF THE HEN HARRIER AT WINTER ROOST. *Br. Birds* 82(3):93-96. 1989. WR 213
[Warden's House, Ramsey Heights, Huntingdon, Cambridgeshire, England] *Circus cyaneus* in England.

89-005159 Harr, Douglas C. YOUNG PEREGRINE FALCON FOUND DEAD IN NORTHWEST IOWA. *Iowa Bird Life* 58(4):114. 1988. WR 213
[P.O. Box 65, Larchwood, IA 51214] *Falco peregrinus*.

89-005160 Heise, Gunter. [SETTLEMENT DENSITY AND BROODING SUCCESS OF THE GOSHAWK *(ACCIPITER GENTILIS)* IN THE PRENZLAU DISTRICT OF EAST GERMANY.] *Beitr. Vogelkd.* 32(2):113-120. 1986. In German. WR 213
[Robert-Schulz-Ring 18, DDR-2130 Prenzlau, East Germany]

RAPTORS (CONTINUED)

89-005161 Hertog, Anthony L. A NEW METHOD TO SELECTIVELY CAPTURE ADULT TERRITORIAL SEA-EAGLES. *J. Raptor Res.* 21(4):157-159. 1987. WR 213
[CSIRO, Div. Wildl. & Ecol., Trop. Ecosyst. Res. Cent., PMB 44, Winnellie, N.T. 5789, Australia] *Haliaeetus leucogaster* in Australia.

89-005162 Hunt, W. Grainger. RADIO TELEMETRY IN THE STUDY OF RAPTOR HABITAT SELECTION. *J. Raptor Res.* 21(4):144-146. 1987. WR 213
[BioSystems Analysis, Inc., 303 Potrero St., Suite 29-301, Santa Cruz, CA 95060]

89-005163 Hustler, K. and W. W. Howells. HABITAT PREFERENCE, BREEDING SUCCESS AND THE EFFECT OF PRIMARY PRODUCTIVITY ON TAWNY EAGLES *AQUILA RAPAX* IN THE TROPICS. *Ibis* 131(1):33-40. 1989. WR 213
[Univ. Lake Kariba Res. Stn., P.O. Box 48, Kariba, Zimbabwe]

89-005164 Ikeda, Yoshihide. [DEATH OF A NESTLING GOLDEN EAGLE DUE TO SEPTICEMIA.] *Jpn. J. Ornithol.* 37(1):39-41. 1988. In Japanese with English summ. WR 213
[Dep. Environ. Biol. & Health Sci., Kanazawa Univ., Marunouchi 1-1, Kanazawa 920, Japan] *Aquila chrysaetos* in Japan.

89-005165 Jensen, Ron. FLEDGLING NORTHERN HAWK-OWL AT WEYAKWIN, SASKATCHEWAN. *Blue Jay* 46(3):140-141. 1988. WR 213
[1027 King Crescent, Saskatoon, SN, Canada S7K 0N9] *Surnia ulula.*

89-005166 Johnson, Oscar L. FALCONS AT FRENCH LAKE, HENNEPIN COUNTY. *Loon* 60(4):183. 1988. WR 213
[7733 Florida Circle, Brooklyn Park, MN 55445] *Falco peregrinus, F. columbarius, F. sparverius,* and *Buteo jamaicensis* in Minnesota.

89-005167 Kemp, Alan C. TAXONOMY AND SYSTEMATICS. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 251-259. 1987. WR 213
[Dep. Birds, Transvaal Mus., P.O. Box 413, Pretoria 0001, South Africa]

89-005168 Kenward, Robert. TELEMETRY IN STUDIES OF PREDATION, DISPERSAL AND DEMOGRAPHY. *J. Raptor Res.* 21(4):139-141. 1987. WR 213
[Furzebrook Res. Stn., Inst. Terrestrial Ecol., Wareham, Dorset, BH20 5AS, England] *Accipiter gentilis* in northern Europe.

89-005169 Kjellen, N. and S. Schubert. [THE MARSH HARRIER *CIRCUS AERUGINOSUS* IN SCANIA, SOUTHERN SWEDEN.] *Anser* 26(1):1-8. 1987. In Swedish with English summ. From Ecol. Abstr. 88/5:88L/7055. 1988. WR 213

89-005170 Klein, Bert C. and Richard O. Bierregaard. CAPTURE AND TELEMETRY TECHNIQUES FOR THE LINED FOREST-FALCON (*MICRASTUR GILVICOLLIS*). *J. Raptor Res.* 22(1):29. 1988. WR 213
[Dep. Zool., Univ. Fla., Gainesville 32611]

89-005171 Knight, Richard L.; David E. Andersen; Marc J. Bechard and N. Verne Marr. GEOGRAPHIC VARIATION IN NEST-DEFENCE BEHAVIOUR OF THE RED-TAILED HAWK *BUTEO JAMAICENSIS*. *Ibis* 131(1):22-26. 1989. WR 213
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523]

89-005172 Kopeny, Mark Thomas. EFFECT OF THORNBRUSH ON DISTRIBUTION AND NEST SITE SELECTION OF WHITE-TAILED HAWKS (*BUTEO ALBICAUDATUS*) IN SOUTH TEXAS. *Ph.D. dissertation, N.D. State Univ.* 97p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3629. 1989. Order No. DA8826706. WR 213

RAPTORS (CONTINUED)

89-005173 Korpimaki, Erkki. MATING SYSTEM AND MATE CHOICE OF TENGMALM'S OWLS *AEGOLIUS FUNEREUS*. *Ibis* 131(1):41-50. 1989. WR 213
[kp. 4, SF-62200 Kauhava, Finland]

89-005174 Korpimaki, Erkki. BREEDING PERFORMANCE OF TENGMALM'S OWL *AEGOLIUS FUNEREUS*: EFFECTS OF SUPPLEMENTARY FEEDING IN A PEAK VOLE YEAR. *Ibis* 131(1):51-56. 1989. WR 213
[kp. 4, SF-62200 Kauhava, Finland]

89-005175 Kummer, Johannes. [ONCE AGAIN, *FALCO VESPERTINUS* AT HALLE, EAST GERMANY.] *Beitr. Vogelkd*. 32(1):62-63. 1986. In German. WR 213
[Anton-Saefkow-Str. 8, DDR-3500 Stendal, East Germany]

89-005176 LeFranc, Maurice N., Jr. INTRODUCTION TO THE RAPTOR LITERATURE. *Natl. Wildl. Fed. Sci. Tech. Ser*. No. 10. p. 1-11. 1987. WR 213
[Inst. Wildl. Res., Natl. Wildl. Fed., 1412 16th St., N.W., Washington, DC 20036]

89-005177 Levi, Nadav. [FORAGING STRATEGIES OF THE EGYPTIAN VULTURE (*NEOPHRON PERCNOPTERUS*) AND OTHER VULTURES.] *Torgos* 7(2):17-30, 106-107. 1988. In Hebrew with English summ. WR 213

89-005178 Liberatori, Fabio; Vincenzo Penteriani and Francesco Pinchera. [CENSUS OF POPULATION OF MARSH HARRIER, *CIRCUS AERUGINOSUS*, IN THE DIACCIA BOTRONA MARSH (TUSCANY, C. ITALY).] *Riv. Ital. Ornitol*. 58(1-2):49-52. 1988. In Italian with English summ. WR 213
[c/o Oasi Nat. WWF "Bosco di Palo", Via Palo Laziale 2, 00055 Ladispoli, Rome, Italy]

89-005179 Lyons, Jane. HATCHING AND HAND-RAISING BARN OWLS. *Annu. Symp. Natl. Wildl. Rehab. Assoc*. 1:67-74. 1982. WR 213
[Wildl. Rescue, Inc., c/o Austin Nat. Cent., 401 Deep Eddy, Austin, TX 78703] *Tyto alba*.

89-005180 Malan, G. AGGRESSION BETWEEN BLACK SPARROWHAWKS AND AFRICAN FISH EAGLES. *Gabar* 3(2):105. 1988. WR 213
[Percy FitzPatrick Inst. African Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Accipiter melanoleucus* and *Haliaeetus vocifer* in South Africa.

89-005181 Mangner, James A. BEAK REPAIR IN A RED-TAILED HAWK. *Annu. Symp. Natl. Wildl. Rehab. Assoc*. 1:80-81. 1982. WR 213
[Gasow Vet. Hospital, 1521 N. Woodward, Birmingham, MI 48011] *Buteo jamaicensis*.

89-005182 Marti, Carl D. FOOD SHARING BY SIBLING COMMON BARN-OWLS. *Wilson Bull*. 101(1):132-134. 1989. WR 213
[Dep. Zool., Weber State Coll., Ogden, UT 84408] *Tyto alba* in Utah.

89-005183 Marti, Carl D. RAPTOR FOOD HABITS STUDIES. *Natl. Wildl. Fed. Sci. Tech. Ser*. No. 10. p. 67-80. 1987. WR 213
[Zool. Dep., Weber State Coll., Ogden, UT 84408]

89-005184 Mauersberger, Gottfried. [THE EYE COLOR AND SEVERAL FIELD CHARACTERISTICS OF *ACCIPITER BADIUS*.] *Beitr. Vogelkd*. 32(2):121-123. 1986. In German. WR 213
[Mus. Fuer Naturkd., Invalidenstr. 43, DDR-1040 Berlin, East Germany]

RAPTORS (CONTINUED)

89-005185 Mauro, Laura. PHYSIOLOGY: HEMATOLOGY AND BLOOD CHEMISTRY. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 269-276. 1987. WR 213
[Dep. Anim. Sci., 495 Animal Science/Veterinary Medicine Bldg., Univ. Minn., St. Paul 55108]

89-005186 McCollough, Mark. MOLTING SEQUENCE AND AGING OF BALD EAGLES. *Wilson Bull.* 101(1):1-10. 1989. WR 213
[Wildl. Dep., 240 Nutting Hall, Univ. Maine, Orono 04469] *Haliaeetus leucocephalus.*

89-005187 McDonald, Roberta. UNUSUAL HUNTING POSTURE OF A RED-TAILED HAWK. *Kingbird* 38(4):249-250. 1988. WR 213
[1392 E. Park Rd., Grand Island, NY 14072] *Buteo jamaicensis* in New York.

89-005188 Meaker, Johanna. BLACK EAGLE(S) TAKE LIVESTOCK. *Bee-eater* 39(4):52. 1988. WR 213
Aquila verreauxi in South Africa.

89-005189 Meehan, Judy. RAPTOR EDUCATION: A MORAL AND ETHICAL OBLIGATION. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:170-175. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025]

89-005190 Meijer, Theo; Serge Daan and Cor Dijkstra. FEMALE CONDITION AND REPRODUCTION: EFFECTS OF FOOD MANIPULATION IN FREE-LIVING AND CAPTIVE KESTRELS. *Ardea* 76(2):141-154. 1988. In English with Dutch summ. WR 213
[Zool. Lab., Univ. Groningen, P.O. Box 14, 9750 AA Haren, Netherlands] *Falco tinnunculus* in Netherlands.

89-005191 Meir, Beni. [NESTING SURVEY AND BREEDING SUCCESS OF SHORT-TOED EAGLES (*CIRCAETUS GALLICUS*) IN THE JUDEAN PLAIN DURING 1983-1985.] *Torgos* 7(2):37-50, 104-105. 1988. In Hebrew with English summ. WR 213

89-005192 Meyer, Kenneth Donald. SEXUAL SIZE DIMORPHISM AND THE BEHAVIORAL ECOLOGY OF BREEDING AND WINTERING SHARP-SHINNED HAWKS (*ACCIPITER STRIATUS*). *Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 184p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(8):3050. 1989. Order No. DA8821499. WR 213

89-005193 Mikkola, Heimo. OWLS OF EUROPE. *Buteo Books (Vermillion, S.D.) 397p. 1983. WR 213*
Data for 17 spp.

89-005194 Mildner, Dennis. AN ACTIVE PEREGRINE EYRIE ALONG THE HUDSON. *Kingbird* 38(4):246-247. 1988. WR 213
[RD 7 Box 79, Hopewell Junction, NY 12533] *Falco peregrinus* in New York.

89-005195 Miller, Frank L. SNOWY OWL NUMBERS ON TWELVE QUEEN ELIZABETH ISLANDS, CANADIAN HIGH ARCTIC. *J. Raptor Res.* 21(4):153-157. 1987. WR 213
[Canadian Wildl. Serv., West. & North. Region, 2nd Floor, 4999-98 Ave., Edmonton, AB, Canada T6B 2X3] *Nyctea scandiaca.*

RAPTORS (CONTINUED)

89-005196 Millsap, Brian A. and Maurice N. LaFranc, Jr. ROAD TRANSECT COUNTS FOR RAPTORS: HOW RELIABLE ARE THEY? *J. Raptor Res.* 22(1):8-16. 1988. WR 213
[Game & Fresh Water Fish Comm., Nongame Program, 3900 Drane Field Rd., Lakeland, FL 33811] *Buteo jamaicensis*, *Accipiter cooperii*, and *A. striatus* in Virginia.

89-005197 Millsap, Brian A.; Keith W. Cline and Beth A. Giron Pendleton. HABITAT MANAGEMENT. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 215-237. 1987. WR 213
[Inst. Wildl. Res., Natl. Wildl. Fed., 1412 16th St., N.W., Washington, DC 20036]

89-005198 Millsap, Brian A. INTRODUCTION TO FEDERAL LAWS AND RAPTOR MANAGEMENT. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 23-36. 1987. WR 213
[Game & Fresh Water Fish Comm., 3900 Drane Field Rd., Lakeland, FL 33803]

89-005199 Mindell, D. P.; J. L. B. Albuquerque and C. M. White. BREEDING POPULATION FLUCTUATIONS IN SOME RAPTORS. *Oecologia (Berl.)* 72(3):382-388. 1987. WR 213
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138] *Buteo lagopus*, *Falco peregrinus*, and *F. rusticolus* in Alaska.

89-005200 Moore, D. R. and J. L. Moore. LARGE AGGREGATION OF BLACK KITES FEEDING ON FLYING INSECTS. *Br. Birds* 82(2):72. 1989. WR 213
[Crosslands, Cage Ln., Boxted, Colchester, Essex CO4 5PE, England] *Milvus migrans* in France.

89-005201 Mosher, James A.; Kimberly Titus and Mark R. Fuller. HABITAT SAMPLING, MEASUREMENT AND EVALUATION. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 81-97. 1987. WR 213
[Savage River Consult., 667 Westwood St., Hagerstown, MD 21740]

89-005202 Muller, Hartmut E. [A CROUCHING STEPPE EAGLE (*AQUILA NIPALENSIS*) IN MONGOLIA.] *Beitr. Vogelkd.* 34(2/3):197-198. 1988. In German. WR 213
[Naturschutzstn., Kamp DDR-2141, East Germany]

89-005203 Neumann, Joachim. [DETECTION OF *FALCO RUSTICOLUS* IN EAST GERMANY.] *Beitr. Vogelkd.* 32(2):125. 1986. In German. WR 213
[Erich-Zastrow-Str. 19, DDR-2000 Neubrandenburg, East Germany]

89-005204 Newbauer, Dan and James Fitzpatrick. RAPTOR PRE-RELEASE CONDITIONING CONSIDERATIONS AND CREANCE EXERCISING TECHNIQUES WITH PROVISIONAL WIND SPEED RECOMMENDATIONS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 7:119-132. 1988. WR 213
[Carpenter St. Croix Valley Nat. Cent., 12805 St. Croix Trail S., Hastings, MN 55033]

89-005205 Newton, I. A KEY FACTOR ANALYSIS OF A SPARROWHAWK POPULATION. *Oecologia (Berl.)* 76(4):588-596. 1988. WR 213
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbotts Ripton, Huntingdon PE17 2LS, England] *Accipiter nisus* in Scotland.

RAPTORS (CONTINUED)

89-005206 Newton, I.; P. E. Davis and J. E. Davis. AGE OF FIRST BREEDING, DISPERSAL AND SURVIVAL OF RED KITES *MILVUS MILVUS* IN WALES. *Ibis* 131(1):16-21. 1989. WR 213
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon PE17 2LS, England]

89-005207 Nishimura, Kinya. FORAGING BEHAVIOR OF URAL OWLS (*STRIX URALENSIS*) IN A PATCHY ENVIRONMENT: THE IMPORTANCE OF ACQUIRED INFORMATION. *Ecol. Res.* 3(3):319-332. 1988. WR 213
[Grad. School Agric. Sci., Univ. Tsukuba, Ibaraki 305, Japan]

89-005208 Nogales, M. and E. C. Herna. [*ASIO OTUS CANARIENSIS* BREED ON A *PINUS CANARIENSIS* (EL HIERRO ISLAND).] *Alauda* 56(3):269. 1988. In French. WR 213
[Dep. Zool., Univ. la Laguna, Tenerife, Canary Islands]

89-005209 O'Neil, Thomas A. AN ANALYSIS OF BIRD ELECTROCUTIONS IN MONTANA. *J. Raptor Res.* 22(1):27-28. 1988. WR 213
[Argonne Natl. Lab., Energy & Environ. Syst. Div., 6915 S.W. Macadam, Portland, OR 97219]

89-005210 Olsen, Penny D. and Jerry Olsen. BREEDING OF THE PEREGRINE FALCON *FALCO PEREGRINUS*: I. WEATHER, NEST SPACING AND TERRITORY OCCUPANCY. *Emu* 88(4):195-201. 1988. WR 213
[Div. Wildl. & Ecol., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

89-005211 Pannach, Dieter. [UNUSUAL PREYING BEHAVIOR OF A HARRIER (*CIRCUS CYANEUS*).] *Beitr. Vogelkd.* 34(2/3):203. 1988. In German. WR 213
[Diesterwegstr. 18, Boxberg DDR-7586, East Germany]

89-005212 Pellegrini, Mario and Massimo Pellegrini. [A RECORD OF A GRIFFON VULTURE, *GYPS FULVUS*, IN ABRUZZO (CENTRAL ITALY).] *Riv. Ital. Ornitol.* 58(1-2):93. 1988. In Italian. WR 213
[Via Tre Valloni 5, 66015 Fara S. Martino, Chieti, Italy]

89-005213 Pennycuick, C. J.; M. R. Fuller and Lynne McAllister. CLIMBING PERFORMANCE OF HARRIS' HAWKS (*PARABUTEO UNICINCTUS*) WITH ADDED LOAD: IMPLICATIONS FOR MUSCLE MECHANICS AND FOR RADIOTRACKING. *J. Exp. Biol.* 142:17-29. 1989. WR 213
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124]

89-005214 Penteriani, Vincenzo and Francesco Pinchera. [CASES OF TAWNY OWL, *STRIX ALUCO*, BREEDING IN SOME ROCKY AREAS IN CENTRAL APENNINES (CENTRAL ITALY).] *Riv. Ital. Ornitol.* 58(1-2):75-77. 1988. In Italian with English summ. WR 213
[c/o Oasi Nat. WWF "Bosco di Palo", Via Palo Laziale 2, 00055 Ladispoli, Rome, Italy]

89-005215 Pinchera, Francesco. [A PECULIAR NEST CHOICE OF A SPARROWHAWK, *ACCIPITER NISUS*, IN CENTRAL ITALY.] *Riv. Ital. Ornitol.* 58(1-2):94-95. 1988. In Italian with English summ. WR 213
[c/o Oasi Nat. WWF "Bosco di Palo", Via Palo Laziale 2, 00055 Ladispoli, Rome, Italy]

RAPTORS (CONTINUED)

89-005216 Postovit, Howard R. and Bonnie C. Postovit. IMPACTS AND MITIGATION TECHNIQUES. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 183-213. 1987. WR 213
[Powder River Eagle Studies, P.O. Box 2411, Gillette, WY 82716]

89-005217 Postupalsky, Sergej. INBREEDING IN OSPREYS. *Wilson Bull.* 101(1):124-126. 1989. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Pandion haliaetus* in Michigan.

89-005218 Pratt, C. J. OBSERVATIONS OF HUNTING IMMATURE MARTIAL EAGLES. *Gabar* 3(2):104. 1988. WR 213
[127 Garmouth Ave., Brighton Beach, Natal 4052, South Africa] *Polemaetus bellicosus* in South Africa.

89-005219 Rapp, Steven R. and Walter C. Crawford, Jr. MANAGEMENT AND DIETARY NEEDS OF CAPTIVE RAPTORS. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:48-56. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025]

89-005220 Reeves, D. A.; B. E. Ehresman and K. P. Schlarbaum. POST-RELEASE SURVIVAL AND MOVEMENTS OF CAPTIVELY REARED COMMON BARN-OWLS IN IOWA. *Proc. Iowa Acad. Sci.* 94(1):103. 1987. Abstract only. WR 213
[Dep. Nat. Resour., Wildl. Res. Stn., RR #1 Ledges Rd., Boone, IA 50036] *Tyto alba.*

89-005221 Robiller, Franz and Maria Robiller. [A CONTRIBUTION TO THE BREEDING BIOLOGY OF THE LITTLE OWL *(ATHENE NOCTUA)*.] *Beitr. Vogelkd.* 32(3):161-174. 1986. In German. WR 213
[Wilhelm-Bode-Str. 8, DDR-5300 Weimar, East Germany]

89-005222 Sauer, Joachim. [SUCCESSFUL EAGLE OWL *(BUBO BUBO)* BREEDING IN THE DISTRICT OF GOTHA, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):131-132. 1988. In German. WR 213
[Saline 2, Stadtilm DDR-5217, East Germany]

89-005223 Schaefer, Kurt. AMERICAN SWALLOW-TAILED KITE IN TEXAS COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 21(4):29-30. 1988. WR 213
[Box 68, Goodwell, OK 73939] *Elanoides forficatus.*

89-005224 Schubert, Peter and Bernd Heinze. [LARGE MIGRATORY FLOCKS OF THE SPARROWHAWK *(ACCIPITER NISUS)* ON THE BALTIC COAST.] *Beitr. Vogelkd.* 34(2/3):199-200. 1988. In German. WR 213
[KFH, Waldfrieden, Ahrensdorf DDR-1711, East Germany]

89-005225 Septon, Gregory A. and Annie Wendt. A YEAR OF FIRSTS AND FRUSTRATIONS FOR MILWAUKEE'S PEREGRINES. *Passenger Pigeon* 50(4):297-304. 1988. WR 213
[Milwaukee Publ. Mus., Wells St., Milwaukee, WI 53233] *Falco peregrinus* in Wisconsin.

89-005226 Simeon, Daniel and Jean-Luc Wilhelm. [A LOOK AT THE YEAR-ROUND DIET OF THE BONELLI'S EAGLE *HIERAAETUS FASCIATUS* IN PROVENCE, SOUTHERN FRANCE.] *Alauda* 56(3):226-237. 1988. In French with English summ. WR 213
[Les Verges, Apt. 22, Ave. Provence, 06140 Vence, France]

RAPTORS (CONTINUED)

89-005227 Snyder, Noel F. R. and Helen A. Snyder. BIOLOGY AND CONSERVATION OF THE CALIFORNIA CONDOR. *Curr. Ornithol.* 6:175-267. 1989. WR 213
[Portal, AZ 85632] *Gymnogyps californianus*.

89-005228 Spearpoint, Jean and Mike Spearpoint. *FALCO NAUMANNI* PREDATION ON LOCUST SWARMS. *Gabar* 3(2):104. 1988. WR 213
[10 Potgieter St., Parsons Hill, Port Elizabeth 6001, South Africa]

89-005229 Speer, Gero. [OBSERVATION OF *FALCO FASCIINUCHA* ON MT. ELGON IN UGANDA.] *Beitr. Vogelkd.* 34(1):56-60. 1988. In German. WR 213
[Zum Breitmaar 58, D-5014 Kerpin-Sindorf, West Germany]

89-005230 Spina, F.; S. Focardi; P. Magagnoli and A. Scappi. AUTUMN MIGRATION THROUGH THE MEDITERRANEAN AND THE HUNTING ACTIVITY OF ELEONORA'S FALCON *FALCO ELEONORAE* (GENE) (AVES FALCONIDAE): A COMPARISON BETWEEN TWO METHODS OF DATA COLLECTION. *Monit. Zool. Ital. New Ser.* 22(3):307-313. 1988. In English with Italian summ. WR 213
[Ist. Naz. Biol. Selvaggina, Via Ca' Fornacetta 9, 40046 Ozzano Emilia, Bologna, Italy]

89-005231 Steenhof, Karen. ASSESSING RAPTOR REPRODUCTIVE SUCCESS AND PRODUCTIVITY. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 157-170. 1987. WR 213
[U.S. Bur. Land Manage., 3948 Development Ave., Boise, ID 83705]

89-005232 Stegemann, Klaus-Dieter. [UNUSUAL DEATH OF A MARSH HAWK FEMALE (*CIRCUS CYANEUS*).] *Beitr. Vogelkd.* 34(1):66-67. 1988. In German. WR 213
[Bartelstr. 11, Ferdinandshof DDR-2113, East Germany]

89-005233 Strassburg, Helmut. [CONTRIBUTION TO THE BREEDING BIOLOGY OF THE OSPREY (*PANDION HALIAETUS*).] *Beitr. Vogelkd.* 32(4):193-207. 1986. In German. WR 213
[Margaretenstr. 38, DDR-9075 Karl-Marx-Stadt, East Germany]

89-005234 Sumba, S. J. A. NESTLING GROWTH IN THE AFRICAN FISH EAGLE IN UGANDA. *Afr. J. Ecol.* 26(4):315-321. 1988. In English with French summ. WR 213
[Wildl. Manage. Dep., Moi Univ., P.O. Box 3900, Eldoret, Kenya] *Haliaeetus vocifer*.

89-005235 Thiollay, Jean-Marc. [RAPTORS AND FRENCH BIRD RESEARCH.] *Alauda* 56(3):193-195. 1988. In French. WR 213
[Ecole Normale Superieure, 46 rue d'Ulm, 75005 Paris, France]

89-005236 Thomsett, Simon. CAN CROWNED EAGLES BE SEXED BY PLUMAGE ALONE? *Gabar* 3(2):70-72. 1988. WR 213
[Box 42818, Nairobi, Kenya] *Stephanoaetus coronatus*.

89-005237 Thouless, C. R.; J. H. Fanshawe and B. C. R. Bertram. EGYPTIAN VULTURES *NEOPHRON PERCNOPTERUS* AND OSTRICH *STRUTHIO CAMELUS* EGGS: THE ORIGINS OF STONE-THROWING BEHAVIOUR. *Ibis* 131(1):9-15. 1989. WR 213
[Large Anim. Res. Group, 34A Storey's Way, Cambridge CB3 0DT, England]

RAPTORS (CONTINUED)

89-005238 Tollan, Andrew M. MAINTENANCE ENERGY REQUIREMENTS AND ENERGY ASSIMILATION EFFICIENCY OF THE AUSTRALASIAN HARRIER. *Ardea* 76(2):181-186. 1988. In English with Dutch summ. WR 213
[Dep. Zool., Univ. Canterbury, Christchurch 1, New Zealand] *Circus approximans*.

89-005239 Tommeraas, Per J. GYRFALCON *FALCO RUSTICOLUS* PREDATION ON POULTRY AND DOMESTIC ANIMALS: A REVIEW. *Dan. Ornithol. Foren. Tidsskr.* 82(3-4):109-116. 1988. In English with Danish summ. WR 213
[Dir. Nat. Manage., Res. Div., Tungasletta 2, N-7004 Trondheim, Norway]

89-005240 Tordoff, Harrison B. and Patrick T. Redig. DISPERSAL, NEST SITE SELECTION, AND AGE OF FIRST BREEDING IN PEREGRINE FALCONS RELEASED IN THE UPPER MIDWEST, 1982-1988. *Loon* 60(4):148-151. 1988. WR 213
Falco peregrinus in Minnesota.

89-005241 Tripepie, Sandro and Pino Cortone. [NESTING OF THE LONG-EARED OWL, *ASIO OTUS*, IN CALABRIA (S. ITALY).] *Riv. Ital. Ornitol.* 58(1-2):95. 1988. In Italian. WR 213
[Dip. Ecol. (Sez. Zool.), Univ. Calabria, Viale Kennedy 16, 87030 Rende, Cosenza, Italy]

89-005242 Ueda, Keisuke and Leah N. deForest. [FOOD AND HUNTING BEHAVIOUR OF MALE OGASAWARA BUZZARDS DURING COURTSHIP FEEDING PERIOD.] *Jpn. J. Ornithol.* 37(1):34-36. 1988. In Japanese with English summ. WR 213
[Toyono-cho 25-2-301, Neyagawa, Osaka 572, Japan] *Buteo buteo toyoshimai* in Japan.

89-005243 van den Berg, Arnoud B.; Pieter Bison and Max Kasparek. STRIATED SCOPS OWL IN TURKEY. *Dutch Birding* 10(4):161-166. 1988. In English with Dutch summ. WR 213
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Otus brucei*.

89-005244 van Zoest, J. G. A. and P. Fuchs. [HUNTING BEHAVIOUR AND PREY SUPPLY OF A BREEDING PAIR OF THE LITTLE OWL *ATHENE NOCTUA*.] *Limosa* 61(3/4):105-112. 1988. In Dutch with English summ. WR 213
[Rijksinst. Natuurbeheer, Postbus 9201, 6800 HB Arnhem, Netherlands]

89-005245 Verdoorn, Gerhard H. and Fiona Welch. SEXUAL PLUMAGE DIMORPHISM IN THE BLACK EAGLE. *Gabar* 3(2):73-75. 1988. WR 213
[Dep. Chem. & Biochem., Rand Afrikaans Univ., Box 524, Johannesburg 2000, South Africa] *Aquila verreauxi*.

89-005246 Vossen, Paul. [EAGLE OWL IN ZUID-LIMBURG IN FEBRUARY-APRIL 1988.] *Dutch Birding* 10(4):187-188. 1988. In Dutch with English summ. WR 213
[Ina Boudier Bakkerlaan 147, 3582 XX Utrecht, Netherlands] *Bubo bubo* in the Netherlands.

89-005247 Waddell, William and Walter C. Crawford, Jr. BARN OWL RECOVERY PROGRAM - MISSOURI AND THE MIDWEST. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 1:74-80. 1982. WR 213
[Raptor Rehab. & Propagation Project, Inc., Tyson Res. Cent., Box 193, Eureka, MO 63025] *Tyto alba*.

RAPTORS (CONTINUED)

89-005248 Wagner, William D.; Michael D. McCrary; Robert L. McKernan and Ralph W. Schreiber. AN UNUSUAL WINTER BALD EAGLE NEST IN SOUTHERN CALIFORNIA. *J. Raptor Res.* 22(1):32-33. 1988. WR 213
[Nat. Hist. Mus., Sect. Birds & Mammals, 900 Exposition Blvd., Los Angeles, CA 90007] *Haliaeetus leucocephalus*.

89-005249 Warren, R. B. RED KITE AND BLACK KITE FOLLOWING MOWING-MACHINE. *Br. Birds* 82(3):116. 1989. WR 213
[37 Dellwood Ave., Felixstowe, Suffolk IP11 9HW, England] *Milvus milvus* and *M. migrans* in France.

89-005250 Wilson, Barbara L. RECORDS OF FERRUGINOUS HAWK IN IOWA. *Iowa Bird Life* 58(4):95-100. 1988. WR 213
[RR 1, Box 41, Hastings, IA 51540] *Buteo regalis*.

89-005251 Wotzkow, Carlos and James W. Wiley. TURKEY VULTURE SURVEYS IN CUBA. *J. Raptor Res.* 22(1):3-7. 1988. WR 213
[Calle K. No. 15016 e/7 & D Altahabana, Ciudad Havana 8, Cuba]

89-005252 Yosef, Reuven. [OBSERVATIONS ON LANNER FALCONS (*FALCO BIARMICUS*) IN THE SEDE BOQER AREA.] *Torgos* 7(2):68-73, 102-103. 1988. In Hebrew with English summ. WR 213

89-005253 Young, Leonard S. and Michael N. Kochert. MARKING TECHNIQUES. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 10. p. 125-156. 1987. WR 213
[U.S. Bur. Land Manage., 3948 Development Ave., Boise, ID 83705]

HUMMINGBIRDS, SWIFTS, AND ALLIES

89-005254 Brichetti, Pierandrea; Ugo F. Foschi and Stefano Gellini. [DISTRIBUTION AND ABUNDANCE OF THE GARGANO PROMONTORY COASTAL COLONIES OF APODIDAE (SE ITALY).] *Riv. Ital. Ornitol.* 58(1-2):53-58. 1988. In Italian with English summ. WR 213
[GRAN, Mus. Civico Sci. Nat., Via Ozanam 4, 25100 Brescia, Italy] *Apus apus*, *A. pallidus*, and *A. melba*.

89-005255 Cahoon, Peter. A KNOWLEDGE REPRESENTATION SYSTEM FOR HUMMINGBIRD FORAGING BEHAVIOUR IN A LABORATORY ENVIRONMENT. *Ph.D. dissertation, Univ. British Columbia (Canada)* 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2523. 1989. WR 213

89-005256 Clapp, Roger B. A SPECIMEN RECORD OF THE FORK-TAILED SWIFT FROM THE MARSHALL ISLANDS. *'Elepaio* 49(1):1-2. 1989. WR 213
[Biol. Surv. Sect., Natl. Ecol. Res. Cent., U.S. Fish & Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC 20560] *Apus pacificus*.

89-005257 Cole, Ronald E. and Andrew Engilis, Jr. FIRST RECORD OF A RUBY-THROATED HUMMINGBIRD IN CALIFORNIA. *West. Birds* 17(1):41-42. 1986. WR 213
[Mus. Wildl. & Fish. Biol., Univ. Calif., Davis 95616] *Archilochus colubris*.

89-005258 Contreras, Julio Rafael. [ON THE PRESENCE OF *PHAETORNIS PRETREI* (LESSON & DELATTRE, 1839) IN EASTERN PARAGUAY.] *Hist. Nat.* 6(3):31-32. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

HUMMINGBIRDS, SWIFTS, AND ALLIES (CONTINUED)

89-005259 Farina, Almo. OBSERVATIONS ON THE SWIFT'S *APUS APUS* (L.) SOCIAL FLIGHTS AT THE BREEDING SITES. *Monit. Zool. Ital. New Ser.* 22(3):255-261. 1988. In English with Italian summ. WR 213
[Mus. Storia Nat. Lunigiana, I-54011 Aulla (Massa), Italy]

89-005260 McLaren, Ian. NOVA SCOTIA'S SECOND BLACK-CHINNED HUMMINGBIRD. *N.S. Birds* 31(1):60-61. 1989. WR 213
Archilochus alexandri.

89-005261 Powers, Donald R. and Kenneth A. Nagy. FIELD METABOLIC RATE AND FOOD CONSUMPTION BY FREE-LIVING ANNA'S HUMMINGBIRDS (*CALYPTE ANNA*). *Physiol. Zool.* 61(6):500-506. 1988. WR 213
[Dep. Avian Sci., Univ. Calif., Davis 95616]

89-005262 Tamm, Staffan and Clifton Lee Gass. ENERGY INTAKE RATES AND NECTAR CONCENTRATION PREFERENCES BY HUMMINGBIRDS. *Oecologia (Berl.)* 70(1):20-23. 1986. WR 213
[Dep. Zool., Univ. Stockholm, S-106 91 Stockholm, Sweden] *Selasphorus rufus*.

89-005263 Tamm, Staffan. IMPORTANCE OF ENERGY COSTS IN CENTRAL PLACE FORAGING BY HUMMINGBIRDS. *Ecology* 70(1):195-205. 1989. WR 213
[Natl. Environ. Protection Board, P.O. Box 1302, S-171 25 Solna, Sweden] *Stellula calliope*.

89-005264 Tarburton, M. K. BREEDING BIOLOGY OF THE WHITE-RUMPED SWIFTLET AT CHILLAGOE. *Emu* 88(4):202-209. 1988. WR 213
[Dep. Bot. & Zool., Massey Univ., Palmerston North, New Zealand] *Aerodramus spodiopygius chillagoensis* in Australia.

89-005265 Wunderlich, Klaus. [A SWIFT, *APUS APUS*, SPENDS NIGHT IN A WALNUT TREE, *JUGLANS REGIA*.] *Beitr. Vogelkd.* 32(3):189-190. 1986. In German. WR 213
[Am Tierpark 125, DDR-1136 Berlin, East Germany]

WOODPECKERS AND ALLIES

89-005266 Block, William M. and Leonard A. Brennan. CHARACTERISTICS OF LEWIS' WOODPECKER HABITAT ON THE MODOC PLATEAU, CALIFORNIA. *West. Birds* 18(4):209-212. 1987. WR 213
[Dep. For. & Resour. Manage., 145 Mulford Hall, Univ. Calif., Berkeley 94720] *Asyndesmus lewis*.

89-005267 Cornett, James W. GILA WOODPECKER NESTING IN NORTHERN BAJA CALIFORNIA. *West. Birds* 17(3):139-140. 1987. WR 213
[Nat. Sci. Dep., Palm Springs Desset Mus., P.O. Box 2288, Palm Springs, CA 92263] *Centurus uropygialis*.

89-005268 Crumb, Dorothy W. LATE NESTING OF BLACK-BACKED WOODPECKER. *Kingbird* 38(4):248-249. 1988. WR 213
[3983 Gates Rd., Jamesville, NY 13078] *Picoides arcticus* in New York.

WOODPECKERS AND ALLIES (CONTINUED)

89-005269 Goossen, J. Paul. BEHAVIOR OF A RED-CROWNED WOODPECKER AT AN UNUSUAL ROOST SITE IN VENEZUELA. *J. Field Ornithol.* 60(1):36-38. 1989. In English with Spanish summ. WR 213
[Canadian Wildl. Serv., Rm. 210, 4999-98 Ave., Edmonton, AB, Canada T6B 2X3] *Melanerpes rubricapillus.*

89-005270 Hughes, Richard. HAND-REARING THE CRIMSON-RUMPED TOUCANET *AULACORHYNCHUS HAEMATOPYGUS* AT PADSTOW BIRD GARDENS, CORNWALL. *Avic. Mag.* 94(4):183-189. 1988. WR 213

89-005271 Jones, Gretchen Drake. WOODPECKER FORAGING BEHAVIOR AND RESOURCE PARTITIONING IN AN EASTERN TEXAS BOTTOMLAND HARDWOOD FOREST. *M.S. thesis, Stephan F. Austin State Univ.* 101p. 1988. From Masters Abstr. Int. 27(1):68. 1989. Order No. MA1334053. WR 213
Picoides pubescens, Dryocopus pileatus, Melanerpes carolinus, and *M. erythrocephalus.*

89-005272 Jones, Stanley Dwayne. WOODPECKER SELECTION OF FORAGING SNAGS IN A BOTTOMLAND FOREST COMMUNITY OF EAST TEXAS. *M.S. thesis, Stephen F. Austin State Univ.* 83p. 1987. From Masters Abstr. Int. 26(4):398. 1988. Order No. MA1332830. WR 213

89-005273 Milne, Kathleen A. and Sallie J. Hejl. NEST-SITE CHARACTERISTICS OF WHITE-HEADED WOODPECKERS. *J. Wildl. Manage.* 53(1):50-55. 1989. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 2081 E. Sierra Ave., Fresno, CA 93710] *Dendrocopos albolarvatus albolarvatus* in California.

89-005274 Mitchell, James Henry. HAZARD AND RISK RATING OF RED-COCKADED WOODPECKER COLONY AREAS AND RELATIVE SUSCEPTIBILITY OF CAVITY TREES TO THE SOUTHERN PINE BEETLE. *M.S. thesis, Stephen F. Austin State Univ.* 132p. 1987. From Masters Abstr. Int. 26(4):401. 1988. Order No. MA1332836. WR 213
Dendrocopos borealis.

89-005275 Shuford, W. David. HAVE ORNITHOLOGISTS OR BREEDING RED-BREASTED SAPSUCKERS EXTENDED THEIR RANGE IN COASTAL CALIFORNIA? *West. Birds* 17(3):97-105. 1987. WR 213
[Point Reyes Observ., 4990 Shoreline Hwy., Stinson Beach, CA 94970] *Sphyrapicus varius.*

89-005276 Sturzebecher, Dieter. [UNUSUAL WINTER SLEEPING PLACE OF A GREATER SPOTTED WOODPECKER (*DENDROCOPOS MAJOR*).] *Beitr. Vogelkd.* 34(2/3):198. 1988. In German. WR 213
[Roggensteig 31, Berlin DDR-1141, East Germany]

89-005277 Unitt, Philip. ANOTHER HYBIRD DOWNY x NUTTALL'S WOODPECKER FROM SAN DIEGO COUNTY. *West. Birds* 17(1):43-44. 1986. WR 213
[3411 Felton St., San Diego, CA 92104] *Picoides pubescens* and *P. nuttallii.*

89-005278 Wedgwood, Jim A. PILEATED WOODPECKERS NEST IN THE SASKATOON DISTRICT. *Blue Jay* 46(3):142-148. 1988. WR 213
[610 Leslie Ave., Saskatoon, SN, Canada S7H 2Z2] *Dryocopus pileatus.*

PASSERINE BIRDS--GENERAL

89-005279 Brooks, Robert Alexander. AVIFAUNAL POPULATIONS OF REGENERATING CLEARCUT AREAS IN EASTERN TEXAS, WITH EMPHASIS ON THE BACHMAN'S SPARROW AND PRAIRIE WARBLER. *M.S. thesis, Stephen F. Austin State Univ*. 71p. 1987. From Masters Abstr. Int. 26(4):397. 1988. Order No. MA1332824. WR 213
Aimophila aestivalis and *Dendroica discolor*.

89-005280 Cruz, Alexander and Robert W. Andrews. OBSERVATIONS ON THE BREEDING BIOLOGY OF PASSERINES IN A SEASONALLY FLOODED SAVANNA IN VENEZUELA. *Wilson Bull*. 101(1):62-76. 1989. WR 213
[Andrews: DEPOB, Univ. Colo., Boulder 80309] Data for 45 species.

89-005281 Danielsen, Rolf. [BOUNDING FLIGHT IN PASSERINES: SOME EMPIRICAL DATA.] *Dan. Ornithol. Foren. Tidsskr*. 82(1-2):59-60. 1988. In Danish with English summ. WR 213
[Kantorvaenget 182, DK-8240 Risskov, Denmark]

89-005282 Gellert, Merav. [THE PASSERINE RINGING STATION AT ELAT.] *Torgos* 7(2):74-79, 100-101. 1988. In Hebrew with English summ. WR 213

89-005283 Herholdt, J. J. BIRD WEIGHTS FROM THE ORANGE FREE STATE (PART II: PASSERINES). *Safring News* 17(2):43-57. 1988. In English with Afrikaans summ. WR 213
[Nossob Restcamp, Kalahari Gemsbok Natl. Park, Private Bag X5890, P.O. Gemsbok Park 8815, South Africa]

89-005284 Li Qingwei and Bian Ziaozhuang. [STUDIES ON THE KARYOTYPES OF BIRDS II. THE 19 SPECIES OF 12 FAMILIES OF PASSERINE BIRDS. (PASSERIFORMES, AVES).] *Zool. Res*. 9(4):321-326. 1988. In Chinese with English summ. WR 213
[Dep. Biol., Liaoning Normal Univ., Dalian, China]

89-005285 Long, Joyce. HOUSING SONG AND GARDEN BIRDS. *Annu. Symp. Natl. Wildl. Rehab. Assoc*. 6:81-96. 1987. WR 213
[Wildl. Rescue, Inc., 4000 Middlefield Rd., Palo Alto, CA 94303]

89-005286 Lovei, Gabor L. PASSERINE MIGRATION BETWEEN THE PALAEARCTIC AND AFRICA. *Curr. Ornithol*. 6:143-174. 1989. WR 213
[Lab. Functional Ecol., Dep. Zool., Plant Protection Inst., Hungarian Acad. Sci., Budapest H-1525, Hungary]

89-005287 Mewaldt, L. Richard and Susan Kaiser. PASSERINE MIGRATION ALONG THE INNER COAST RANGE OF CENTRAL CALIFORNIA. *West. Birds* 19(1):1-23. 1988. WR 213
[Avian Biol. Lab., San Jose State Univ., San Jose, CA 95192]

89-005288 Pohajdak, Gloria Christine. FEEDING GUILDS, DIETS AND FORAGING BEHAVIOR OF INSECTIVOROUS PASSERINES IN A RIPARIAN HABITAT IN MANITOBA. *Ph.D. dissertation, Univ. Manitoba (Canada)* 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3570. 1989. WR 213
Vireo gilvus and *Dumetella carolinensis*.

PASSERINE BIRDS--GENERAL (CONTINUED)

89-005289 Rabol, Jorgen and Peter Lyngs. MONITORING BALTIC PASSERINE POPULATIONS BY RINGING OF MIGRANTS ON CHRISTIANSO. *Dan. Ornithol. Foren. Tidsskr.* 82(1-2):37-49. 1988. In English with Danish summ. WR 213
[Inst. Popul. Biol., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark]

89-005290 Raikow, Robert J. HINDLIMB MYOLOGY AND EVOLUTION OF THE OLD WORLD SUBOSCINE PASSERINE BIRDS (ACANTHISITTIDAE, PITTIDAE, PHILEPITTIDAE, EURYLAIMIDAE). *Ornithol. Monogr.* No. 41. 81p. 1987. WR 213
[Dep. Biol. Sci., Univ. Pittsburgh, Pittsburgh, PA 15260]

89-005291 Safriel, Uriel N. and Daphna Lavee. WEIGHT CHANGES OF CROSS-DESERT MIGRANTS AT AN OASIS - DO ENERGETIC CONSIDERATIONS ALONE DETERMINE THE LENGTH OF STOPOVER? *Oecologia (Berl.)* 76(4):611-619. 1988. WR 213
[Mitrani Cent. Desert Ecol., Blaustein Inst. Desert Res., Sede Boqer Campus, Ben Gurion Univ., Negev, Israel]

89-005292 Santillo, David J.; Patrick W. Brown and David M. Leslie, Jr. RESPONSE OF SONGBIRDS TO GLYPHOSATE-INDUCED HABITAT CHANGES ON CLEARCUTS. *J. Wildl. Manage.* 53(1):64-71. 1989. WR 213
[Ecol. & Environ., Inc., 368 Pleasantview Dr., Lancaster, NY 14086]

89-005293 Small, M. F. and M. L. Hunter. FOREST FRAGMENTATION AND AVIAN NEST PREDATION IN FORESTED LANDSCAPES. *Oecologia (Berl.)* 76(1):62-64. 1988. WR 213
[Normandeau Assoc., Inc., 25 Nashua Rd., Bedford, NH 03102]

BLACKBIRDS, STARLINGS AND CROWS

89-005294 Adret-Hausberger, M. and P. F. Jenkins. COMPLEX ORGANIZATION OF THE WARBLING SONG IN THE EUROPEAN STARLING *STURNUS VULGARIS*. *Behaviour* 107(3-4):138-156. 1988. In English with French summ. WR 213
[Lab. Ethol., UA CNRS 373, Univ. Rennes, Campus Beaulieu, 35042 Rennes Cedex, France]

89-005295 Antikainen, E. CORRELATION BETWEEN HEIGHT AND SITE DISTRIBUTION OF NEST HOLES OCCUPIED BY JACKDAWS *CORVUS MONEDULA* LINNAEUS, 1758, IN POLAND. *Acta Zool. Cracov.* 30(1-11):11-24. 1987. From Ecol. Abstr. 88/5:88L/7049. 1988. WR 213

89-005296 Beletsky, Les D.; Gordon H. Orians and John C. Wingfield. RELATIONSHIPS OF STEROID HORMONES AND POLYGYNY TO TERRITORIAL STATUS, BREEDING EXPERIENCE, AND REPRODUCTIVE SUCCESS IN MALE RED-WINGED BLACKBIRDS. *Auk* 106(1):107-117. 1989. WR 213
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98195] *Agelaius phoeniceus* in Washington.

89-005297 Besser, Jerome F. and Dolores K. Steffen. BREEDING AND WINTERING AREAS OF RED-WINGED BLACKBIRDS BANDED IN BARTON COUNTY, KANSAS. *Kans. Ornithol. Soc. Bull.* 39(4):33-36. 1988. WR 213
[Denver Wildl. Res. Cent., Bldg. 16, P.O. Box 25266, Denver Fed. Cent., Denver, CO 80225-0266] *Agelaius phoeniceus*.

89-005298 Brown, Jerram L. and Eric G. Horvath. GEOGRAPHIC VARIATION OF GROUP SIZE, ONTOGENY, RATTLE CALLS, AND BODY SIZE IN *APHELOCOMA ULTRAMARINA*. *Auk* 106(1):124-128. 1989. WR 213
[Dep. Biol. Sci., State Univ., Albany, NY 12222]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

89-005299 Bruggers, David John. THE BEHAVIOR AND ECOLOGY OF THE COMMON RAVEN IN NORTHEASTERN MINNESOTA. *Ph.D. dissertation, Univ. Minn.* 282p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):2988. 1989. Order No. DA8823523. WR 213
Corvus corax.

89-005300 Bruning, Donald. REINTRODUCTION PROGRAM FOR THE BALI STARLING. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 435-441. 1988. WR 213
Leucospar rothschildi.

89-005301 Chaudhuri, Santasri and B. R. Maiti. EFFECTS OF PROLACTIN AND GONADOTROPINS ON THE PINEAL GLAND OF A WILD AVIAN SPECIES, THE TREE PIE (*DENDROCITTA VAGABUNDA*). *Arch. Biol.* 99(3):377-384. 1988. WR 213
[Histophysiol. Lab., Dep. Zool., Univ. Calcutta, 35 Ballygunge Circ. Rd., Calcutta 700 019, India]

89-005302 Craig, A. J. F. K. THE TIMING OF MOULT, MORPHOLOGY, AND AN ASSESSMENT OF THE RACES OF THE REDWINGED STARLING. *Bonn. Zool. Beitr.* 39(4):347-360. 1988. In English with German summ. WR 213
[Dep. Zool., Rhodes Univ., Grahamstown 6140, South Africa] *Onychognathus morio morio*, *O. m. rueppellii*, *O. m. neumanni*, and *O. m. shelleyi* in Africa.

89-005303 Dittberner, Hartmut and Winfried Dittberner. [*STURNUS ROSEUS* AS A TRANSITORY VISITOR BY THE SCHWEDT AND ODER, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):345-346. 1986. In German. WR 213
[Karlstr. 1, Bergen DDR-2330, East Germany]

89-005304 Dolbeer, R. A.; P. P. Woronecki and J. R. Mason. AVIARY AND FIELD EVALUATIONS OF SWEET CORN RESISTANCE TO DAMAGE BY BLACKBIRDS. *J. Am. Soc. Hortic. Sci.* 113(3):460-464. 1988. WR 213
[Denver Wildl. Res. Cent., U.S. Dep. Agric., 6100 Columbus Ave., Sandusky, OH 44870]

89-005305 Eden, S. F. THE SOCIAL ORGANIZATION OF NON-BREEDING MAGPIES *PICA PICA*. *Ibis* 131(1):141-153. 1989. WR 213
[14 Egbert Rd., Winchester, Hants SO23 7EB, England]

89-005306 Elowson, A. Margaret. ANALYSIS OF COMPLEX ACOUSTICAL VARIATION: PREDATOR-ELICITED CALLS OF THE FLORIDA SCRUB JAY. *Ph.D. dissertation, Univ. Wis. (Madison)* 156p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2081. 1988. Order No. DA8810461. WR 213
Aphelocoma coerulescens coerulescens in Florida.

89-005307 Falk, H. and E. Gwinner. TIMING OF PHOTOREFRACTORINESS IN THE EUROPEAN STARLING: SIGNIFICANCE OF PHOTOPERIOD EARLY AND LATE IN THE REPRODUCTIVE CYCLE. *Biol. Reprod.* 39(5):1004-1008. 1988. WR 213
[Max-Planck-Inst. Verhaltensphysiol. Vogelwarte, D-8138 Andechs, West Germany] *Sturnus vulgaris*.

89-005308 Hanka, Ladislav R. RECENT ALTITUDINAL RANGE EXPANSION BY THE BROWN-HEADED COWBIRD IN COLORADO. *West. Birds* 16(4):183-184. 1985. WR 213
[1146 Douglas, Kalamazoo, MI 49007] *Molothrus ater*.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

89-005309 Heinrich, Bernd. FOOD SHARING IN THE RAVEN, *CORVUS CORAX*. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor*. p. 285-311. 1988. WR 213
[Dep. Zool., Univ. Vt., Burlington 05405]

89-005310 Heinsohn, Robert G. INTER-GROUP OVICIDE AND NEST DESTRUCTION IN COOPERATIVELY BREEDING WHITE-WINGED CHOUGHS. *Anim. Behav*. 36(6):1856-1858. 1988. WR 213
[Dep. Zool., Australian Natl. Univ., G.P.O. Box 4, Canberra, A.C.T. 2601, Australia] *Corcorax melanorhamphos* in Australia.

89-005311 Hubalek, Zdenek and Marta Horakova. URBAN WINTER ROOSTING OF ROOKS: WEATHER EFFECTS. *Prirodoved. Pr. Ustavu Cesk. Akad. Ved Brne* 22(5):1-44. 1988. In English with Russian summ. WR 213
[Inst. Syst. & Ecol. Biol , CSAV Kvetna 8, 603 65 Brno, Czechoslovakia] *Corvus frugilegus* in Czechoslovakia.

89-005312 Jeche, Manfred and Hans-Jurgen Sperling. [OBSERVATIONS ON THE COURSE OF ACTIVITY OF THE STARLING (*STURNUS VULGARIS*) DURING ITS PRESENCE IN BROODING TERRITORY.] *Beitr. Vogelkd*. 32(1):48-52. 1986. In German. WR 213
[Krichgasse 5, DDR-6522 Burgel, East Germany]

89-005313 King, Andrew P. and Meredith J. West. SEARCHING FOR THE FUNCTIONAL ORIGINS OF SONG IN EASTERN BROWN-HEADED COWBIRDS, *MOLOTHRUS ATER ATER*. *Anim. Behav*. 36(6):1575-1588. 1988. WR 213
[Dep. Psychol., Duke Univ., Durham, NC 27706]

89-005314 Kneis, Peter and Andras Havasi. [OBJECT AND SOCIAL PLAY OF A HOODED CROW *CORVUS CORONE CORNIX*.] *Beitr. Vogelkd*. 32(5/6):340-341. 1986. In German. WR 213
[Mus. Naturkunde, Nicolaiberg 3, Gera DDR-6500, East Germany]

89-005315 Laymon, Stephen A. BROWN-HEADED COWBIRDS IN CALIFORNIA: HISTORICAL PERSPECTIVES AND MANAGEMENT OPPORTUNITIES IN RIPARIAN HABITATS. *West. Birds* 18(1):63-70. 1987. WR 213
[Dep. For. & Resour. Manage., 145 Mulford Hall, Univ. Calif., Berkeley, 94720]

89-005316 Leak, Jennifer and Scott K. Robinson. NOTES ON THE SOCIAL BEHAVIOR AND MATING SYSTEM OF THE CASQUED OROPENDOLA. *Wilson Bull*. 101(1):134-137. 1989. WR 213
[Dep. Ecol., Ethol., & Evol., Univ. Ill., Champaign 61820] *Psarocolius oseryi* in Peru.

89-005317 Londei, Tiziano and Rosanna Gnisci. [AN ATTEMPT OF MORPHOMETRIC ANALYSIS OF ITALIAN SPECIMENS OF CORVIDS FROM MUSEO CIVICO DI STORIA NATURALE, MILANO.] *Riv. Ital. Ornitol*. 58(1-2):59-73. 1988. In Italian with English summ. WR 213
[Sezione Zool. & Anat. Comp., Univ. Via Celoria 26, 20133 Milano, Italy]

89-005318 Lowther, Peter E. KANSAS COWBIRD HOSTS, A CATALOG UPDATE. *Kans. Ornithol. Soc. Bull*. 39(4):36-37. 1988. WR 213
[Field Mus. Nat. Hist., Roosevelt Rd. at Lake Shore Dr., Chicago, IL 60605] *Molothrus ater*.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

89-005319 Marzluff, John M. and Russell P. Balda. RESOURCE AND CLIMATIC VARIABILITY: INFLUENCES ON SOCIALITY OF TWO SOUTHWESTERN CORVIDS. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 255-283. 1988. WR 213
[Dep. Biol. Sci., North. Ariz. Univ., Flagstaff 86011] *Gymnorhinus cyanocephalus* and *Aphelocoma coerulescens* in Arizona.

89-005320 Mason, J. Russell; Michael A. Adams and Larry Clark. ANTHRANILATE REPELLENCY TO STARLINGS: CHEMICAL CORRELATES AND SENSORY PERCEPTION. *J. Wildl. Manage.* 53(1):55-64. 1989. WR 213
[Monell Chem. Senses Cent., 3500 Market St., Philadelphia, PA 19104-3308] *Sturnus vulgaris.*

89-005321 Minot, Edward O. SUDDEN REVERSAL OF PHOTOTAXIS DURING THE DEVELOPMENT OF NESTLING BIRDS. *Anim. Behav.* 36(6):1619-1625. 1988. WR 213
[Dep. Bot. & Zool., Massey Univ., Palmerston North, New Zealand] *Sturnus vulgaris.*

89-005322 Muma, Katherine Elizabeth. SEXUAL SELECTION AND PLUMAGE VARIATION IN FEMALE RED-WINGED BLACKBIRDS. *M.S. thesis, Carleton Univ. (Canada)* 1988. From Masters Abstr. Int. 27(1):72. 1989. WR 213
Agelaius phoeniceus.

89-005323 Nixon, Andrew. LARGE FLOCKS OF WHITENECKED RAVENS. *Bee-eater* 39(4):53-54. 1988. WR 213
[38 College Dr., Mill Park, Port Elizabeth 6001, South Africa] *Corvus albicollis* in South Africa.

89-005324 Oeser, Rudolf. [THE PRESENCE OF HOODED CROWS IN THE ERZGEBIRGE BROODING AREA OF THE CARRION CROW IN EAST GERMANY.] *Beitr. Vogelkd.* 32(2):108-112. 1986. In German. WR 213
[Schulstr. 84, DDR-9443 Raschau/Erzgeb., East Germany]

89-005325 Renssen, T. A. [RE-INTRODUCTION OF THE RAVEN *CORVUS CORAX* IN THE NETHERLANDS.] *Limosa* 61(3/4):137-144. 1988. In Dutch with English summ. WR 213
[Zaalboslaan 16, 6881 RM Velp, Netherlands]

89-005326 Romagnano, Linda; Terry R. McGuire and Harry W. Power. PITFALLS AND IMPROVED TECHNIQUES IN AVIAN PARENTAGE STUDIES. *Auk* 106(1):129-136. 1989. WR 213
[Dep. Biol. Sci., Rutgers Univ., P.O. Box 1059, Piscataway, NJ 08854] *Sturnus vulgaris.*

89-005327 Seibels, Robert E. AN OVERVIEW OF THE BALI MYNAH SSP IN 1988. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 251-252. 1988. WR 213
[Riverbanks Zool. Park, P.O. Box 1060, Riverbanks, SC 29202-1060] *Leucospar rothschildi.*

89-005328 Strache, Rolf-Rudiger and Katalin Madas. [HOODED CROWS (*CORVUS CORONE CORNIX*) SEARCH FOR FOOD ON SUNFLOWERS (*HELIANTHUS ANNUUS*).] *Beitr. Vogelkd.* 34(2/3):201-202. 1988. In German. WR 213
[Fischerpier 3, Wismar DDR-2400, East Germany]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

89-005329 Studer, Anita and Jacques Vielliard. [FIRST ETHO-ECOLOGICAL DATA ON THE BRAZILIAN ICTERID *CURAEUS FORBESI* (SCLATER, 1886), (AVES, PASSERIFORMES).] *Rev. Suisse Zool.* 95(4):1063-1077. 1988. In French with English summ. WR 213
[a/c Conde, Univ. Nancy, I Mus. Zool., 34 rue St. Catherine, 5400 Nancy, France]

89-005330 Stutterheim, Irene M.; J. D. Bezuidenhout and E. G. R. Elliott. COMPARATIVE FEEDING BEHAVIOUR AND FOOD PREFERENCES OF OXPECKERS (*BUPHAGUS ERYTHRORHYNCHUS* AND *B. AFRICANUS*) IN CAPTIVITY. *Onderstepoort J. Vet. Res.* 55(3):173-179. 1988. WR 213
[Dep. Agric. & Nat. Conserv., Private Bag 13306, Windhoek 9000, Namibia]

89-005331 Teather, Kevin Lee. SEXUAL SIZE DIMORPHISM IN GREAT-TAILED GRACKLES: THE COSTS OF SONS AND DAUGHTERS. *Ph.D. dissertation, Carleton Univ. (Canada)* 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2029-2030. 1988. WR 213
Cassidix mexicanus in Texas.

89-005332 Tolson, Peter J. and Enrique Hernandez-Prieto. THE CURRENT STATUS OF THE YELLOW-SHOULDERED BLACKBIRD, *AGELAIUS XANTHOMUS*, ON PUERTO RICO AND ISLA MONA. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 489-492. 1988. WR 213

89-005333 Trainer, Jill M. CULTURAL EVOLUTION IN SONG DIALECTS OF YELLOW-RUMPED CACIQUES IN PANAMA. *Ethology* 80(1-4):190-204. 1989. WR 213
[Dep. Biol., Univ. Mo., St. Louis 63121] *Cacicus cela vitellinus*.

89-005334 Wechsler, Beat. THE SPREAD OF FOOD PRODUCING TECHNIQUES IN A CAPTIVE FLOCK OF JACKDAWS. *Behaviour* 107(3-4):267-277. 1988. In English with German summ. WR 213
[Ethol. & Wildforschung, Zool. Inst., Univ. Zurich-Irchel, Winterthurerstr. 190, CH-8057 Zurich, Switzerland] *Corvus monedula*.

89-005335 Wechsler, Beat. MEASURING PAIR RELATIONSHIPS IN JACKDAWS. *Ethology* 80(1-4):307-317. 1989. WR 213
[Ethol. & Wildforschung, Zool. Inst., Univ. Zurich-Irchel, Winterthurestr. 190, CH-8057 Zurich, Switzerland] *Corvus monedula*.

89-005336 Williams, T. D.; A. Dawson and T. J. Nicholls. SEXUAL MATURATION AND MOULT IN JUVENILE STARLINGS *STURNUS VULGARIS* IN RESPONSE TO DIFFERENT DAYLENGTHS. *Ibis* 131(1):135-140. 1989. WR 213
[NERC, Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon PE17 2LS, England]

OTHER PASSERINE BIRDS

89-005337 Atkins, J. D. DARK PLAIN-BACKED PIPIT, *ANTHUS LEUCOPHRYS*, AT CHILEKA DAMBO. *Nyala* 12(1/2):76-77. 1988. WR 213
[P.O. Box 51096, Limbe, Malawi]

89-005338 Atkins, J. D. QUAIL FINCH, *ORTYGOSPIZA ATRICOLLIS*, AT CHILEKA DAMBO. *Nyala* 12(1/2):82-83. 1988. WR 213
[P.O. Box 51096, Limbe, Malawi]

OTHER PASSERINE BIRDS (CONTINUED)

89-005339 Atwood, Jonathan L. SPECIATION AND GEOGRAPHIC VARIATION IN BLACK-TAILED GNATCATCHERS. *Ornithol. Monogr.* No. 42. 74p. 1988. WR 213
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Polioptila melanura* in Mexico and the United States.

89-005340 Balch, Lawrence G. SHRIKE IDENTIFICATION. *Ill. Birds Birding* 4(3):64-65. 1988. WR 213
[2027 Partridge Ln., Highland Park, IL 60035] *Lanius excubitor* and *L. ludovicianus* in Illinois.

89-005341 Baptista, Luis F. and Martin L. Morton. SONG LEARNING IN MONTANE WHITE-CROWNED SPARROWS: FROM WHOM AND WHEN. *Anim. Behav.* 36(6):1753-1764. 1988. WR 213
[Ornithol. & Mammal., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118] *Zonotrichia leucophrys* in California.

89-005342 Barba, E.; J. A. Gil-Delgado and G. Lopez. [CLUTCH SIZE IN GREAT TITS (*PARUS MAJOR*) IN ORANGE-GROVES OF VALENCIA AND IN THE HOLM OAK FOREST OF MONTE POBLET (TARRAGONA).] *Mediterranea* No. 10. p. 5-11. 1988. In Spanish with English summ. WR 213
[Dep. Ecol., Fac. Biol., Univ. Valencia, Burjasot, Valencia, Spain]

89-005343 Barnard, Phoebe. AGEING AND SEXING: COMMON WAXBILL *ESTRILDA ASTRILD*. *Safring News* 17(2):79-83. 1988. WR 213
[Dep. Zool., Univ. Witwatersrand, P.O. Box Wits, Johannesburg 2050, South Africa]

89-005344 Barrows, Cameron W. HABITAT RELATIONSHIPS OF WINTER WRENS IN NORTHERN CALIFORNIA. *West. Birds* 17(1):17-20. 1986. WR 213
[P.O. Box 478, LaQuinta, CA 92253] *Troglodytes troglodytes*.

89-005345 Bates, John Marshall. WINTER ECOLOGY OF THE GRAY VIREO *VIREO VICINIOR* IN SONORA, MEXICO. *M.S. thesis, Univ. Ariz.* 55p. 1987. From Masters Abstr. Int. 26(4):400. 1988. Order No. MA1332449. WR 213

89-005346 Baumgartner, Frederick M. WINTER STATUS OF THE RUFOUS-SIDED TOWHEE IN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 21(4):27-28. 1988. WR 213
[Little Lewis Whirlwind Sanctuary, Rt. 2, Jay, OK 74346] *Pipilo erythrophthalmus*.

89-005347 Berry, H. H.; T. J. Archibald and C. U. Berry. BREEDING DATA ON CHESTNUT WEAVERS IN THE ETOSHA NATIONAL PARK, SOUTH WEST AFRICA/NAMIBIA. *Madoqua* 15(2):157-162. 1987. WR 213
[Etosha Ecol. Inst., P.O. Okaukuejo 9000, Namibia] *Ploceus rubiginosus*.

89-005348 Berthold, Peter and Scott B. Terrill. MIGRATORY BEHAVIOUR AND POPULATION GROWTH OF BLACKCAPS WINTERING IN BRITAIN AND IRELAND: SOME HYPOTHESES. *Ringing Migr.* 9(3):153-159. 1988. WR 213
[Max-Planck-Inst. Verhaltensphysiol. Vogelwarte, Schloss Moggingen, D-7760 Radolfzell, West Germany] *Sylvia atricapilla*.

89-005349 Bhat, G. and B. R. Maiti. EFFECT OF CYPROTERONE ACETATE - A MALE ANTIFERTILITY AGENT - ON OVARIAN AND OVIDUCAL FUNCTIONS IN A WILD PASSERINE BIRD, THE YELLOW-THROATED SPARROW (*PETRONIA XANTHOCOLLIS*). *Arch.*

OTHER PASSERINE BIRDS (CONTINUED)

89-005349 CONTINUED *Biol*. 99(3):335-341. 1988. In English with French summ. WR 213
[Histophysiol. Lab., Dep. Zool., Univ. Calcutta, 35 Ballygunge Circ. Rd., Calcutta 700 019, India]

89-005350 Billett, A. E. UNUSUAL NEST-SITE OF SISKIN. *Br. Birds* 82(2):81. 1989. WR 213
[9 Hardy Ln., Tockington, Bristol, England] *Carduelis spinus* in England.

89-005351 Birkhead, T. R.; K. Clarkson and R. Zann. EXTRA-PAIR COURTSHIP, COPULATION AND MATE GUARDING IN WILD ZEBRA FINCHES *TAENIOPYGIA GUTTATA*. *Anim. Behav*. 36(6):1853-1855. 1988. WR 213
[Dep. Anim. Biol., The Univ., Sheffield S10 2TN, England]

89-005352 Blum, Vinzenz and Edith Winter. [THE YELLOW-HEADED WAGTAIL (*MOTACILLA CITREOLA*) IN THE RHINE DELTA, AUSTRIA.] *Egretta* 28(1/2):72-73. 1985. In German. WR 213
[Gablerst. 7, A-6900 Bregenz, Austria]

89-005353 Boland, Stephen P.; Jeffrey A. Halstead and Bradley E. Valentine. WILLOW FLYCATCHER NESTLING PARASITIZED BY LARVAL FLY, *PROTOCALLIPHORA CUPRINA*. *Wilson Bull*. 101(1):127. 1989. WR 213
[Environ. Div., Kings River Conserv. Dist., 4886 E. Jensen Ave., Fresno, CA 93725] *Empidonax traillii* in California.

89-005354 Bolduc, Alison. WORM-EATING WARBLER AT CROSBY PARK. *Loon* 60(4):178. 1988. WR 213
[4400 Oakland Ave. S., Minneapolis, MN 55407] *Helmitheros vermivorus* in Minnesota.

89-005355 Bollenbacher, John P. HOUSE FINCHES IN MANKATO. *Loon* 60(4):185. 1988. WR 213
[125 4th St. N., Mankato, MN 56001] *Carpodacus mexicanus* in Minnesota.

89-005356 Bonkoski, Jerry. SAY'S PHOEBE IN OLMSTED COUNTY. *Loon* 60(4):180-181. 1988. WR 213
[Rt. 1, Box 24, Byron, MN 55920] *Sayornis saya* in Minnesota.

89-005357 Brahier, Jean-Luc. [STORY OF A BROOD OF GREAT TITS, *PARUS MAJOR*.] *Nos Oiseaux* 39(8):419-420. 1988. In French. WR 213
[Clos-Devant 9, CH-2741 Souboz, Switzerland]

89-005358 Brazil, Mark and Tsutomu Suzuki. BLACKBIRD *TURDUS MERULA* NEW TO ISHIKAWA PREFECTURE. *Jpn. J. Ornithol*. 37(1):33-34. 1988. In English with Japanese summ. WR 213
[Japan Times, 5-4 Shibaura 4-chome, Minato-ku, Tokyo 108, Japan]

89-005359 Breitwisch, Randall and Joann Hudak. SEX DIFFERENCES IN RISK-TAKING BEHAVIOR IN FORAGING FLOCKS OF HOUSE SPARROWS. *Auk* 106(1):150-153. 1989. WR 213
[Dep. Biol., Univ. Dayton, 300 College Park, Dayton, OH 45469] *Passer domesticus*.

89-005360 Brooks, Elizabeth W. A THIRD POST-1875 NESTING OF DICKCISSEL IN NEW YORK STATE. *Kingbird* 38(4):237-239. 1988. WR 213
[1435 Waterwells Rd., Alfred Station, NY 14803] *Spiza americana*.

89-005361 Brown, Bryan T. BREEDING ECOLOGY OF A WILLOW FLYCATCHER POPULATION IN GRAND CANYON, ARIZONA. *West. Birds* 19(1):25-33. 1988. WR 213
[P.O. Box 3741, Tucson, AZ 85722] *Empidonax traillii*.

89-005362 Bub, Hans. [ATLAS OF TWITE MIGRATIONS (*CARDUELIS FLAVIROSTRIS FLAVIROSTRIS*). 2. SEX RATIO OF BANDED TWITES.] *Beitr. Vogelkd.* 32(5/6):249-265. 1986. In German. WR 213
[Vogelwarte Helgoland, D-2940 Wilhemshaven, West Germany]

89-005363 Burton, Kenneth. NOTE FROM THE FIELD: LOGGERHEAD SHRIKE UPDATE. *Indiana Audubon Q.* 67(1):41-42. 1989. WR 213
[Dep. Biol., Indiana Univ., Bloomington 47405] *Lanius ludovicianus* in Indiana.

89-005364 Casey. Richard Michael. AN EXPERIMENTAL ANALYSIS OF CULTURAL INHERITANCE OF SONG IN WHITE-CROWNED SPARROWS. *Ph.D. dissertation, Colo. State Univ.* 204p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3047. 1989. Order No. DA8821270. WR 213
Zonotrichia leucophrys nuttalli.

89-005365 Cheng, Tso-Hsin. [ON THE YELLOW-BILLED CROWTIT, *PARADOXORNIS FLAVIROSTRIS*.] *Var Fagelvarld* 47(8):463. 1988. In Swedish with English summ. WR 213
[Inst. Zool., Acad. Sinica, Beijing, China]

89-005366 Clarke, Michael F. THE PATTERN OF HELPING IN THE BELL MINER (*MANORINA MELANOPHRYS*). *Ethology* 80(1-4):292-306. 1989. WR 213
[Zool. Dep., Univ. Melbourne, Parkville, Vic. 3052, Australia]

89-005367 Clayton, N. S. SONG LEARNING AND MATE CHOICE IN ESTRILDID FINCHES RAISED BY TWO SPECIES. *Anim. Behav.* 36(6):1589-1600. 1988. WR 213
[Lehrstuhl Verhaltensphysiol., Fak. Biol., Univ. Bielefeld, Morgenbrede 45, 4800 Bielefeld 1, West Germany]

89-005368 Clayton, N. S. SONG, SEX AND SENSITIVE PHASES IN THE BEHAVIOURAL DEVELOPMENT OF BIRDS. *Trends Ecol. Evol.* 4(3):82-84. 1989. WR 213
[Lehrstuhl Verhaltensphysiol., Fak. Biol., Univ. Bielefeld, 4800 Bielefeld, West Germany] *Zonotrichia melodia*, *Z. leucophrys* and *Poephila guttata*.

89-005369 Clemens, Daniel Theodore. STUDIES ON RESPIRATION, BLOOD PHYSIOLOGY AND ENERGY METABOLISM IN ROSY FINCHES AND HOUSE FINCHES AT SEA LEVEL AND HIGH ALTITUDES. *Ph.D. dissertation, Univ. Calif. (Los Angeles)* 117p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3038. 1989. Order No. DA8822878. WR 213
Leucosticte arctoa and *Carpodacus mexicanus* in California.

89-005370 Cohen, Robert R. FEMALE TREE SWALLOW NESTS SUCCESSFULLY FOLLOWING LOSS OF EYE. *West. Birds* 17(1):40. 1986. WR 213
[Dep. Biol., Metropolitan State Coll., 1006 Eleventh St., Denver, CO 80204] *Tachycineta bicolor* in Colorado.

OTHER PASSERINE BIRDS (CONTINUED)

89-005371 Contreras, Alan. NORTHERN WATERTHRUSH SUMMER RANGE IN OREGON. *West. Birds* 19(1):41-42. 1988. WR 213
[Bur. Govt. Res. & Serv., P.O. Box 3177, Univ. Oreg., Eugene 97403] *Seiurus noveboracensis.*

89-005372 Contreras, Julio Rafael. [ON THE DISTRIBUTION OF THE TAWNY-CROWNED PIGMY-TYRANT, *EUSCARTHMUS MELORYPHUS* WIED, 1831 (AVES, TYRANNIDAE).] *Hist. Nat.* 6(5):48. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

89-005373 Contreras, Julio Rafael and Andres Oscar Contreras. [ON THE THRUSH-LIKE WREN (*CAMPYLORHYNCHUS TURDINUS UNICOLOR*) IN PARAGUAY AND ARGENTINA.] *Hist. Nat.* 6(8):75-76. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

89-005374 Contreras, Julio Rafael. [PRELIMINARY NOTES ON THE ORNITHOLOGICAL ATLAS OF THE PROVINCE OF CORRIENTES, ARGENTINA. I. *PACHYRAMPHUS RUFUS RUFUS* (VIEILLOT, 1816) (COTINGIDAE).] *Hist. Nat.* 6(10):90. 1986. In Spanish. WR 213
[CONICET, CAPRIM, Casilla Correo 145, 3400 Corrientes, Argentina]

89-005375 Cottaar, Fred and K. Terpstra. [TWO DUSKY WARBLERS IN THE NETHERLANDS IN AUTUMN OF 1986.] *Dutch Birding* 10(4):189-191. 1988. In Dutch with English summ. WR 213
[Iepenstr. 10, 2023 SV Haarlem, Netherlands] *Phylloscopus fuscatus.*

89-005376 Craig, A.; B. Every and D. Summers-Smith. THE SPREAD OF THE SOUTHERN GREYHEADED SPARROW IN THE CAPE PROVINCE. *Ann. Cape Prov. Mus. Nat. Hist.* 16(Part 9):191-200. 1987. WR 213
[Albany Mus. & Dep. Zool., Rhodes Univ., Grahamstown 6140, South Africa] *Passer griseus* in South Africa.

89-005377 Curry, Robert L. GROUP STRUCTURE, WITHIN-GROUP CONFLICT AND REPRODUCTIVE TACTICS IN COOPERATIVELY BREEDING GALAPAGOS MOCKINGBIRDS, *NESOMIMUS PARVULUS*. *Anim. Behav.* 36(6):1708-1728. 1988. WR 213
[Archbold Biol. Stn., Lake Placid, FL 33852-2057]

89-005378 Dabelsteen, Torben and Simon Boel Pedersen. DO FEMALE BLACKBIRDS, *TURDUS MERULA*, DECODE SONG IN THE SAME WAY AS MALES? *Anim. Behav.* 36(6):1858-1860. 1988. WR 213
[Inst. Popul. Biol., Copenhagen Univ., Universitetsparken 15, DK-2100 Copenhagen 0, Denmark]

89-005379 Dalton, Stephen. BLUE TIT NESTING IN OLD BLACKBIRD NEST. *Br. Birds* 82(2):80. 1989. WR 213
[Holly Farmhouse, Cob Ln., Ardingly, Sussex, England] *Parus caeruleus* in England.

89-005380 Davidson, Lynn M. LOGGERHEAD SHRIKE NEST IN WASHINGTON COUNTY, MD. *Md. Birdlife* 44(1):3-5. 1988. WR 213
[Nat. Heritage Program, For., Park & Wildl. Serv., Dep. Nat. Resour., Tawes State Off. Bldg., B-2, Annapolis, MD 21401] *Lanius ludovicianus.*

89-005381 Davis, Wayne H. BLUEBIRDS IN THE BLUEGRASS PREFER WOODEN BOXES. *Sialia* 11(1):7. 1989. WR 213
[School Biol. Sci., Univ. Ky., Lexington 40506] *Sialia sialis* in Kentucky.

OTHER PASSERINE BIRDS (CONTINUED)

89-005382 de Smet, Gunter; Dirk Verroken and Luc Verroken. HUME'S YELLOW-BROWED WARBLER AT BLANKENBERGE IN NOVEMBER 1987. *Dutch Birding* 10(4):188-189. 1988. In English. WR 213
[E Blockstr. 7, 9219 Gentbrugge, Belgium] *Phylloscopus inornatus humei*.

89-005383 De Smet, Ken D. and Michael P. Conrad. FIRST DOCUMENTED NESTING RECORD AND STATUS OF THE WILLOW FLYCATCHER IN MANITOBA. *Blue Jay* 46(3):149-154. 1988. WR 213
[Dep. Nat. Resour., Box 14, 1495 St. James St., Winnipeg, MB, Canada R3H 0W9] *Empidonax traillii*.

89-005384 DeSante, David F.; Ned K. Johnson; Ron Levalley and Robert P. Henderson. OCCURRENCE AND IDENTIFICATION OF THE YELLOW-BELLIED FLYCATCHER ON SOUTHEAST FARALLON ISLAND, CALIFORNIA. *West. Birds* 14(4):153-160. 1985 WR 213
[Point Reyes Bird Observ., 4990 Shoreline Hwy., Stinson Beach, CA 94970] *Empidonax flaviventris*.

89-005385 DeSante, David F. and Luis F. Baptista. FACTORS AFFECTING THE TERMINATION OF BREEDING IN NUTTALL'S WHITE-CROWNED SPARROWS. *Wilson Bull.* 101(1):120-124. 1989. WR 213
[Point Reyes Bird Observ., 4990 Shoreline Hwy., Stinson Beach, CA 94970] *Zonotrichia leucophrys nuttalli* in California.

89-005386 Dinsmore, Steve; Tom Sorensen and Dan Gifford. CURVE-BILLED THRASHER IN MONONA COUNTY. *Iowa Bird Life* 58(4):116. 1988. WR 213
Toxostoma curvirostre curvirostre in Iowa.

89-005387 Dittberner, Hartmut and Gerolf Jander. [AUTUMN OBSERVATION OF THE SPANISH SPARROW (*PASSER HISPANIOLENSIS*) IN BULGARIA.] *Beitr. Vogelkd.* 32(3):187-189. 1986. In German. WR 213
[Karlstr. 1, DDR-2330 Bergen, East Germany]

89-005388 Dittberner, Hartmut and Winfried Dittberner. [ON THE VARIABILITY OF NEST LOCATION IN THE GREAT REED-WARBLER *ACROCEPHALUS ARUNDINACEUS*.] *Beitr. Vogelkd.* 32(5/6):329-331. 1986. In German. WR 213
[Karlstr. 1, Bergen DDR-2330, East Germany]

89-005389 Dolman, Teresa M. CAROLINA WREN AT LETHBRIDGE, ALBERTA. *Blue Jay* 46(3):158-159. 1988. WR 213
[37 Carleton Rd. W., Lethbridge, AB, Canada T1K 3X4] *Thryothorus ludovicianus*.

89-005390 Doughty, Robin W. THE MOCKINGBIRD. *Univ. Tex. Press* 80p. 1989. Available at $12.95 (Cloth) from Univ. Tex. Press, P.O. Box 7819, Austin 78713. WR 213
Mimus polyglottos in North America.

89-005391 Dyer, Michael. NUPTUAL FLIGHT DISPLAY OF THE BLUE SWALLOW (*HIRUNDO ATROCAERULEA*). *Nyala* 12(1/2):27-30. 1988. WR 213
[Kasungu Natl. Park, P.O. Box 43, Kasungu, Malawi]

89-005392 Eguchi, Kazuhiro. [THE ECOLOGICAL SIGNIFICANCE OF TIME BUDGETS OF THE BROWN DIPPER, *CINCLUS PALLASII* TEMMINCK.] *Jpn. J. Ecol.* 38(3):243-255. 1988. In Japanese with English summ. WR 213
[Dep. Biol., Fac. Sci., Kyushu Univ., Fukuoka 812, Japan]

OTHER PASSERINE BIRDS (CONTINUED)

89-005393 Erard, Christian; Marc Thery and Daniel Sabatier. [THE DIET OF THE GUIANAN COCK-OF-THE-ROCK *RUPICOLA RUPICOLA*. THE RELATIONSHIPS BETWEEN FRUGIVORY AND ZOOCHORY.] *Rev. Ecol. Terre Vie* 44(1):47-74. 1989. In French with English summ. WR 213
[Mus. Natl. Hist. Nat., Lab. Zool., 55 rue Buffon, F-75005 Paris, France]

89-005394 Fergman, Uri. [RED-FRONTED SERINS (*SERINUS PUSILLUS*) WINTERING ON MT. BA'AL-HATSOR.] *Torgos* 7(2):80-87, 101-102. 1988. In Hebrew with English summ. WR 213

89-005395 Fiebig, J. and H. Patze. [UNUSUAL BROODING OF THE CRESTED TIT (*PARUS CRISTATUS* L.).] *Beitr. Vogelkd.* 34(1):64-65. 1988. In German. WR 213
[Taubestr. 31, Leipzig DDR-7024, East Germany]

89-005396 Findlay, John III. INCUBATION BY A MALE EASTERN BLUEBIRD? *Sialia* 11(1):26, 29. 1989. WR 213
[2749 Millbrook Rd., Birmingham, AL 35243] *Sialia sialis*.

89-005397 Flett, Mary Anne and Susan D. Sanders. ECOLOGY OF A SIERRA NEVADA POPULATION OF WILLOW FLYCATCHERS. *West. Birds* 18(1):37-42. 1987. WR 213
[1764 Newell Ave., Walnut Creek, CA 94595] *Empidonax traillii* in California.

89-005398 Franzreb, Kathleen E. ENDANGERED STATUS AND STRATEGIES FOR CONSERVATION OF THE LEAST BELL'S VIREO (*VIREO BELLII PUSILLUS*) IN CALIFORNIA. *West. Birds* 18(1):43-49. 1987. WR 213
[U.S. Fish & Wildl. Serv., Endangered Species Off., 2800 Cottage Way, Room E-1823, Sacramento, CA 95825]

89-005399 Franzreb, Kathleen E. ECOLOGY AND CONSERVATION OF THE ENDANGERED LEAST BELL'S VIREO. *U.S. Fish Wildl. Serv. Biol. Rep.* 89(1):17p. 1989. Available from U.S. Fish & Wildl. Serv., Publ. Unit, 18th & C St., N.W., Mail Stop 1111, Arlington Square Bldg., Washington, DC 20240. WR 213
[U.S. Fish & Wildl. Serv., Endangered Species Off., 2800 Cottage Way, Rm. E-1823, Sacramento, CA 95825] *Vireo bellii pusillus* in California.

89-005400 Fraticelli, Fulvio and Marco Gustin. [A FEMALE OF ITALIAN SPARROW, *PASSER DOMESTICUS ITALIAE*, WITH PARTIALLY MALE PLUMAGE.] *Riv. Ital. Ornitol.* 58(1-2):90. 1988. In Italian. WR 213
[c/o Oasi Nat. WWF "Bosco di Palo", Via Palo Laziale 2, 00055 Ladispoli, Rome, Italy]

89-005401 Frith, C. B. and D. W. Frith. DISCOVERY OF NESTS AND THE EGG OF ARCHBOLD'S BOWERBIRD *ARCHBOLDIA PAPUENSIS* (PTILONORHYNCHIDAE). *Aust. Bird Watcher* 12(8):251-257. 1988. WR 213
['Prionodura', Paluma via Townsville, Qld. 4816, Australia]

89-005402 Gaines, Sarah. COMPARISONS OF PATCH-USE MODELS FOR WINTERING AMERICAN TREE SPARROWS. *Auk* 106(1):118-123. 1989. WR 213
[School Biol. Sci., Univ. Nebr., Lincoln 68588-0118] *Spizella arborea* in Nebraska.

OTHER PASSERINE BIRDS (CONTINUED)

89-005403 Gale, Steven W. and Sean D. McMinn. IDENTIFICATION ON GRACEFUL AND SCRUB WARBLERS. *Br. Birds* 82(2):78-79. 1989. WR 213
[Flat 8, 86 Worcester Rd., Sutton, Surrey, England] *Scotocerca inquieta* and *Prinia gracilis* in Israel.

89-005404 Garrison, Barrett A.; Joan M. Humphrey and Stephen A. Laymon. BANK SWALLOW DISTRIBUTION AND NESTING ECOLOGY ON THE SACRAMENTO RIVER CALIFORNIA. *West. Birds* 18(1):71-76. 1987. WR 213
[106 Dream St., Vacaville, CA 95688] *Riparia riparia*.

89-005405 Gibbs, Harold Lisle. SELECTION ON MORPHOLOGICAL, BEHAVIORAL, AND LIFE HISTORY VARIATION IN A POPULATION OF DARWIN'S MEDIUM GROUND FINCHES *(GEOSPIZA FORTIS)*. *Ph.D. dissertation, Univ. Mich.* 174p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3048-3049. 1989. Order No. DA8821574. WR 213

89-005406 Gnielka, Reinhard. [DATA ON THE BREEDING OF THE GREEN FINCH *(CARDUELIS CHLORIS)* ACCORDING TO NESTING MAPS FROM THE DISTRICT OF HALLE, EAST GERMANY.] *Beitr. Vogelkd.* 32(4):235-244. 1986. In German. WR 213
[Huttenstr. 84, DDR-4020 Halle, East Germany]

89-005407 Goldstein, H. and Y. Yom-Tov. BREEDING BIOLOGY OF THE ORANGE-TUFTED SUNBIRD IN ISRAEL. *Ardea* 76(2):169-174. 1988. In English with Dutch summ. WR 213
[Dep. Zool., Tel Aviv Univ., Tel Aviv, Israel] *Nectarinia osea*.

89-005408 Goldstein, H. FEMALE MOBBING, MATE GUARDING AND INFANTICIDE IN THE PALESTINE SUNBIRD *(NECTARINIA OSEA)*. *Isr. J. Zool.* 35(1-2):102. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-005409 Goldstein, Hava. [INFANTICIDE BY INVADING MALES IN THE PALESTINE SUNBIRD *(NECTARINIA OSEA)*.] *Torgos* 7(2):31-36, 105-106. 1988. In Hebrew with English summ. WR 213

89-005410 Granchi, Ettore. [LONGEVITY OF *NECTARINIA VENUSTA* AND *N. HABESSINICA* FROM SOMALIA, KEPT IN CAPTIVITY.] *Riv. Ital. Ornitol.* 58(1-2):99-100. 1988. In Italian with English summ. WR 213
[Dip. Biol. Anim. & Genet., Univ., Via Romana 17, 50125 Florence, Italy]

89-005411 Grant, Peter R. ECOLOGY AND EVOLUTION OF DARWIN'S FINCHES. *Princeton Univ. Press* 458p. 1986. WR 213
Geospiza spp., *Camarhynchus* spp., *Certhidea olivaceus*, and *Pinaroloxias inornata*.

89-005412 Greaves, James M. NEST-SITE TENACITY OF LEAST BELL'S VIREOS. *West. Birds* 18(1):50-54. 1987. WR 213
[327 W. Islay St., Santa Barbara, CA 93101] *Vireo bellii pusillus* in California.

89-005413 Gwinner, Eberhard. [EFFECTS OF PHOTOPERIOD ON THE CIRCANNUAL SYSTEMS OF THE COLLARED AND PIED FLYCATCHER *(FICEDULA ALBICOLLIS, F. HYPOLEUCA)*.] *J. Ornithol.* 130(1):1-13. 1989. In German with English summ. WR 213
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte, D-8138 Andechs, West Germany]

OTHER PASSERINE BIRDS (CONTINUED)

89-005414 Haemig, Paul D. NESTING OF THE PHAINOPEPLA ON SANTA CRUZ ISLAND, CALIFORNIA. *West. Birds* 17(1):48. 1986. WR 213
[Lewis & Clark's Rangers, P.O. Box 4561, Brownsville, TX 78523-4561]

89-005415 Haensel, Joachim. [ANOTHER SIGHTING OF A SIBERIAN REDSTART *PHOENICURUS PHOENICURUS* L. IN BERLIN, EAST GERMANY.] *Beitr. Vogelkd.* 32(5/6):336-337. 1986. In German. WR 213
[Tierpark Berlin, Am Tierpark 125, Berlin DDR-1136, East Germany]

89-005416 Hamann, Hans-Joachim; Karl-Heinz Schmidt and Stefan Simonis. [ALTITUDE AND SIZE OF EGGS AND CLUTCH IN THE GREAT TIT (*PARUS MAJOR*).] *J. Ornithol.* 130(1):69-74. 1989. In German with English summ. WR 213
[Winterbachstr. 10, D-6000 Frankfurt, West Germany]

89-005417 Hanski, Ilpo K. and Yrjo Haila. SINGING TERRITORIES AND HOME RANGES OF BREEDING CHAFFINCHES: VISUAL OBSERVATION VS. RADIO-TRACKING. *Ornis Fenn.* 65(3):97-103. 1988. WR 213
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100, Helsinki, Finland] *Fringilla coelebs* in Finland.

89-005418 Harding, B. D. OBSERVATIONS AT A WREN ROOST. *Br. Birds* 82(2):48-52. 1989. WR 213
[6 Braydeston Ave., Brundall, Norwich NR13 5JX, England] *Troglodytes troglodytes*.

89-005419 Harris, John H.; Susan D. Sanders and Mary Anne Flett. WILLOW FLYCATCHER SURVEYS IN THE SIERRA NEVADA. *West. Birds* 18(1):27-36. 1987. WR 213
[Dep. Biol., Mills Coll., Oakland, CA 94613] *Empidonax traillii* in California.

89-005420 Herrmann, Klaus. [THE STONECHAT *(SAXICOLA TORQUATA)* IN AND AROUND HARZ, EAST GERMANY.] *Beitr. Vogelkd.* 32(1):63. 1986. In German. WR 213
[Kuno-Riecke-Str. 7, DDR-3720 Blankenburg/Harz, East Germany]

89-005421 Highsmith, R. Tod. THE SINGING BEHAVIOR OF GOLDEN-WINGED WARBLERS. *Wilson Bull.* 101(1):36-50. 1989. WR 213
[Dep. Zool., Morrill Sci. Cent., Univ. Mass., Amherst 01003] *Vermivora chrysoptera* in Minnesota.

89-005422 Hill, Steven R. and J. Edward Gates. NESTING ECOLOGY AND MICROHABITAT OF THE EASTERN PHOEBE IN THE CENTRAL APPALACHIANS. *Am. Midl. Nat.* 120(2):313-324. 1988. WR 213
[Wildl. Bur., State Office Bldg., Hartford, CT 06106] *Sayornis phoebe*.

89-005423 Hjertaas, Dale G.; Paule Hjertaas and William J. Maher. COLONY SIZE AND REPROUCTIVE BIOLOGY OF THE BANK SWALLOW, *RIPARIA RIPARIA*, IN SASKATCHEWAN. *Can. Field-Nat.* 102(3):465-470. 1988. WR 213
[Wildl. Branch, Saskatchewan Parks, Recreation & Cult., 3211 Albert St., Regina, SN, Canada S4S 5W6] *Riparia riparia* in Canada.

89-005424 Hobson, Keith A. and Spencer G. Sealy. FEMALE-FEMALE AGGRESSION IN POLYGYNOUSLY NESTING YELLOW WARBLERS. *Wilson Bull.* 101(1):84-86. 1989. WR 213

OTHER PASSERINE BIRDS (CONTINUED)

89-005424 CONTINUED
[Dep. Biol., Univ. Saskatchewan, Saskatoon, SN, Canada S7N 0W0] *Dendroica petechia* in Canada.

89-005425 Hogstad, Olav. SUBORDINATION IN MIXED-AGE BIRD FLOCKS - A REMOVAL STUDY. *Ibis* 131(1):128-134. 1989. WR 213
[Dep. Zool., Univ. Trondheim, N-7055 Dragvoll, Norway] *Parus montanus* in Norway.

89-005426 Hudon, Jocelyn; A. P. Capparella and Alan H. Brush. PLUMAGE PIGMENT DIFFERENCES IN MANAKINS OF THE *PIPRA ERYTHROCEPHALA* SUPERSPECIES. *Auk* 106(1):34-41. 1989. WR 213
[Brush: Dep. Physiol. & Neurobiol., U-42, Univ. Conn., Storrs 06268]

89-005427 Hundgen, Kurt H. and Donald F. Bruning. PROPAGATION TECHNIQUES FOR BIRDS OF PARADISE AT THE NEW YORK ZOOLOGICAL PARK. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 14-20. 1988. WR 213

89-005428 Isenmann, Paul. [A LATE BROOD OF WALL CREEPER, *TICHODROMA MURARIA*, IN SAVOIE.] *Nos Oiseaux* 39(8):417. 1988. In French. WR 213
[Cent. L. Emberger (CNRS), B.P. 5051, F-34033 Montpellier, France]

89-005429 Janssen, Robert B. THE RED CROSSBILL INVASION OF 1988. *Loon* 60(4):177-178. 1988. WR 213
[10521 Cedar Lake Rd. #212, Minnetonka, MN 55343] *Loxia curvirostra* in Minnesota.

89-005430 Janssen, Robert B. A MAJOR INVASION OF DICKCISSELS (1988). *Loon* 60(4):143-144. 1988. WR 213
[10521 S. Cedar Lake Rd. #212, Minnetonka, MN 55343] *Spiza americana* in Minnesota.

89-005431 Jentzsch, Matthias and Frank Otto. [STUDIES ON THE WINTER PELLETS OF THE NORTHERN SHRIKE (*LANIUS EXCUBITOR* L.).] *Beitr. Vogelkd.* 34(2/3):93-100. 1988. In German with English summ. WR 213
[Kirchstr. 16, Oberroblingen DDR-4701, East Germany]

89-005432 Johnson, L. Scott. SONG IN A FEMALE PLAIN TITMOUSE. *West. Birds* 18(2):135. 1987. WR 213
[8 High Rd., Inver Grove Heights, MN 55075-3821] *Parus inornatus* in Arizona.

89-005433 Jones, Edgar T. A SECOND NORTHERN MOCKINGBIRD BREEDING RECORD FOR ALBERTA. *Alberta Nat.* 18(4):136-137. 1988. WR 213
[43 Westbrook Dr., Edmonton, AB, Canada T6J 2C8]

89-005434 Jordano, Pedro. DIET, FRUIT CHOICE AND VARIATION IN BODY CONDITION OF FRUGIVOROUS WARBLERS IN MEDITERRANEAN SCRUBLAND. *Ardea* 76(2):193-209. 1988. In English with Dutch summ. WR 213
[Estac. Biol. Donana, Apdo. 1056, E-41013 Seville, Spain] *Sylvia atricapilla* and *S. borin*.

89-005435 Jorgensen, Richard H. HOUSE FINCHES IN ALBERT LEA. *Loon* 60(4):186. 1988. WR 213
[214 S. Third Ave. W., Albert Lea, MN 56007] *Carpodacus mexicanus* in Minnesota.

OTHER PASSERINE BIRDS (CONTINUED)

89-005436 Jost, Lou. A CHIAPAN MOUNTAIN MYSTERY. THE AZURE-RUMPED TANAGER AND ITS NESTING GROUNDS REVEALED. *Birder's World* 3(2):26-28. 1989. WR 213
Tangara cabanisi in Mexico.

89-005437 Karlsson, Lennart; Karin Persson; Jan Pettersson and Goran Walinder. FAT-WEIGHT RELATIONSHIPS AND MIGRATORY STRATEGIES IN THE ROBIN *ERITHACUS RUBECULA* AT TWO STOP-OVER SITES IN SOUTH SWEDEN. *Ringing Migr.* 9(3):160-168. 1988. WR 213
[Falsterbo Bird Observ., Box 17, S-230 11 Falsterbo, Sweden]

89-005438 Killpack, Merlin. CHESTNUT-SIDED WARBLER IN UTAH. *Utah Birds* 3(4):72-73. 1987. WR 213
[1726 24th St., Ogden, UT 84401] *Dendroica pensylvanica.*

89-005439 Klein, Ronald. [SOME ASPECTS OF THE REPRODUCTIVE BIOLOGY OF THE PENDULINE TIT (*REMIZ PENDULINUS*).] *Beitr. Vogelkd.* 32(5/6):266-272. 1986. In German. WR 213
[Poststr. 3, Spremberg DDR-7590, East Germany]

89-005440 Koivula, Kari and Markku Orell. SOCIAL RANK AND WINTER SURVIVAL IN THE WILLOW TIT *PARUS MONTANUS*. *Ornis Fenn.* 65(3):114-120. 1988. WR 213
[Dep. Zool., Univ. Oulu, Linnanmaa, SF-90570 Oulu, Finland]

89-005441 Konigstedt, Dietmar and Hannes Langbehn. [FIRST OBSERVATION OF THE FAN-TAILED WARBLER (*CISTICOLA JUNCIDIS*) IN BULGARIA.] *Beitr. Vogelkd.* 32(1):13-16. 1986. In German with English summ. WR 213
[Erich-Weinert-Str. 9, DDR-2200 Greifswald, East Germany]

89-005442 Konigstedt, Dietmar. [REGRESSIVE BEHAVIOR IN AN INJURED BRAMBLING (*FRINGILLA MONTIFRINGILLA*).] *Beitr. Vogelkd.* 32(4):232-234. 1986. In German. WR 213
[Erich-Weinert-Str. 8, DDR-2200 Greifswald, East Germany]

89-005443 Kuitunen, Markku and Pekka Helle. RELATIONSHIP OF THE COMMON TREECREEPER *CERTHIA FAMILIARIS* TO EDGE EFFECT AND FOREST FRAGMENTATION. *Ornis Fenn.* 65(4):150-155. 1988. In English with Finnish summ. WR 213
[Dep. Biol., Univ. Jyvaskyla, Yliopistonkatu 9, SF-40100 Jyvaskyla, Finland]

89-005444 LaPolla, Vince N.; James L. Ingold and David R. Osborne. STRUCTURAL VARIATIONS IN THE DISTRESS CALL OF THE NORTHERN CARDINAL (*CARDINALIS CARDINALIS*). *Ohio J. Sci.* 89(2):3. 1989. Abstract only. WR 213
[Dep. Zool., Miami Univ., Oxford, OH 45056]

89-005445 Lehman, Paul. CALLS OF ALDER AND WILLOW FLYCATCHERS. *West. Birds* 16(4):189. 1985. WR 213
[P.O. Box 1061, Goleta, CA 93116] *Empidonax alnorum* and *E. traillii*.

89-005446 Lesher, Fred. BARN SWALLOWS NEST ON MOVING BOAT ON LAKE ITASCA. *Loon* 60(4):184-185. 1988. WR 213
[509 Winona St., La Crosse, WI 54603] *Hirundo rustica* in Minnesota.

OTHER PASSERINE BIRDS (CONTINUED)

89-005447 Lombardo, Michael P. MORE ON THE EFFECT OF THE TIMING OF BANDING ON FEMALE TREE SWALLOW NEST SITE TENACITY. *J. Field Ornithol.* 60(1):68-72. 1989. In English with Spanish summ. WR 213
[Mus. Zool., Dep. Biol., Univ. Mich., Ann Arbor 48109-1079] *Tachycineta bicolor* in New York.

89-005448 Loske, Karl-Heinz. [ON THE BEHAVIOR OF SWALLOWS (*HIRUNDO RUSTICA*) AT MASS ROOSTING PLACES IN NAMIBIA - SOUTH WEST AFRICA.] *Beitr. Vogelkd.* 32(5/6):273-280. 1986. In German. WR 213
[Obersdorfstr. 1A, D-4787 Geseke-Langeneicke, West Germany]

89-005449 Mace, Ruth. A COMPARISON OF GREAT TITS' (*PARUS MAJOR*) USE OF TIME IN DIFFERENT DAYLENGTHS AT THREE EUROPEAN SITES. *J. Anim. Ecol.* 58(1):143-151. 1989. WR 213
[RRAG, Cent. Environ. Technol., Imperial Coll., 48 Prince's Gardens, London SW7 1LU, England]

89-005450 Mai, Andreas. [EARLY CLUTCH OF THE REED-BUNTING (*EMBERIZA SCHOENICLUS*) IN THE KOETHEN DISTRICT, EAST GERMANY.] *Beitr. Vogelkd.* 32(2):125. 1986. In German. WR 213
[Lohmannstr. 116a, DDR-4370 Kothen, East Germany]

89-005451 Manzi, R.; G. Pavan and S. Frugis. VARIATION IN THE SONG OF CETTI'S WARBLER (*CETTIA CETTI* TEMM.): A PRELIMINARY STUDY. *Monit. Zool. Ital. New Ser.* 22(3):287-298. 1988. In English with Italian summ. WR 213
[Inst. Zool. Univ., Campus Universitario, Viale Sci., 43100 Parma, Italy]

89-005452 Martinez del Rio, Carlos; W. H. Karasov and D. J. Levey. PHYSIOLOGICAL BASIS AND ECOLOGICAL CONSEQUENCES OF SUGAR PREFERENCES IN CEDAR WAXWINGS. *Auk* 106(1):64-71. 1989. WR 213
[Dep. Zool., Univ. Fla., Gainesville 32611] *Bombycilla cedrorum*.

89-005453 McCowan, Mamie. RED-BREASTED NUTHATCHES NEST AT BRANDON MANITOBA. *Blue Jay* 46(3):157-158. 1988. WR 213
[1415-8 St., Brandon, MB, Canada R7A 3Z6] *Sitta canadensis*.

89-005454 McGregor, Peter K.; Verena R. Walford and David G. C. Harper. SONG INHERITANCE AND MATING IN A SONGBIRD WITH LOCAL DIALECTS. *Bioacoustics* 1(2/3):107-129. 1988. WR 213
[Dep. Zool., Univ. Nottingham, University Park, Nottingham, England] *Emberiza calandra* in England.

89-005455 McMahon, Jeri A. A BILATERAL GYNANDROMORPH NORTHERN CARDINAL IN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 21(4):33. 1988. WR 213
[Rt. 1 Box 50, Fort Gibson, OK 74434] *Cardinalis cardinalis*.

89-005456 Medland, R. D. MASCARENE MARTIN, *PHEDINA BORBONICA*, NEAR CHIROMO. *Nyala* 12(1/2):73. 1988. WR 213
[P.O. Box 30370, Lilongwe 3, Malawi]

89-005457 Melville, David S. POLYRECTRICYLY IN A DUSKY WARBLER *PHYLLOSCOPUS FUSCATUS*. *Hong Kong Bird Rep.* 1987:105-106. 1988. WR 213
[WWF Hong Kong, GPO Box 12721, Hong Kong]

OTHER PASSERINE BIRDS (CONTINUED)

89-005458 Melville, David S. PRELIMINARY NOTES ON MOULT IN THE JAPANESE WHITE-EYE *ZOSTEROPS JAPONICA* IN HONG KONG. *Hong Kong Bird Rep.* 1987:85-92. 1988. WR 213
[WWF Hong Kong, G.P.O. Box 12721, Hong Kong]

89-005459 Melville, David S. DOES THE GREAT REED WARBLER *ACROCEPHALUS ARUNDINACEUS ORIENTALIS* BREED IN HONG KONG? *Hong Kong Bird Rep.* 1987:76-84. 1988. WR 213
[WWF Hong Kong, G.P.O. Box 12721, Hong Kong]

89-005460 Milder, Sharon L. and Ralph W. Schreiber. THE VOCALIZATIONS OF THE CHRISTMAS ISLAND WARBLER *ACROCEPHALUS AEQUINOCTIALIS*, AN ISLAND ENDEMIC. *Ibis* 131(1):99-111. 1989. WR 213
[Nat. Hist. Mus. Los Angeles County, 900 Exposition Blvd., Los Angeles, CA 90007]

89-005461 Montaldo, Norberto H.; Aldo A. Chiappe and Gustavo G. Roitman. [*BASILEUTERUS LEUCOBLEPHARUS* (VIEILLOT) IN THE PROVINCE OF BUENOS AIRES. RECORD IN PUNTA LARA AND COMMENTARIES ABOUT ITS PRESENCE.] *Hist. Nat.* 7(1):1-3. 1987. In Spanish with English summ. WR 213
[Catedra Bot. Agric., Fac. Agron. Univ. Buenos Aires, Avda. San Martin 4453, 1417 Buenos Aires, Argentina]

89-005462 Moore, Frank R. and John B. Phillips. SUNSET, SKYLIGHT POLARIZATION AND THE MIGRATORY ORIENTATION OF YELLOW-RUMPED WARBLERS, *DENDROICA CORONATA*. *Anim. Behav.* 36(6):1770-1778. 1988. WR 213
[Dep. Biol. Sci., Univ. South. Miss., Hattiesburg 39406-5018]

89-005463 Moreno, Juan. VARIATION IN DAILY ENERGY EXPENDITURE IN NESTING NORTHERN WHEATEARS (*OENANTHE OENANTHE*). *Auk* 106(1):18-25. 1989. WR 213
[Mus. Nac. Cienc. Nat., J. Gutierrez, Abascal 2, 28006 Madrid, Spain]

89-005464 Moriarty, John J. and Lee A. Pfannmuller. SHRIKE IMPALES FROG ON CATTAIL. *Loon* 60(4):182. 1988. WR 213
[Non-Game Wildl. Program, Dep. Nat. Resour., 500 Lafayette Rd., St. Paul, MN 55155-4007] *Lanius* sp. in Minnesota.

89-005465 Morse, Douglass H. SONG PATTERNS OF WARBLERS AT DAWN AND DUSK. *Wilson Bull.* 101(1):26-35. 1989. WR 213
[Grad. Program Ecol. & Evol. Biol., Div. Biol. & Med., Brown Univ., Providence, RI 02912] *Parula americana, Dendroica magnolia, D. coronata, D. virens*, and *D. fusca* in Maine.

89-005466 Murphy, Michael T. LIFE HISTORY VARIABILITY IN NORTH AMERICAN BREEDING TYRANT FLYCATCHERS: PHYLOGENY, SIZE OR ECOLOGY? *Oikos* 54(1):3-14. 1989. WR 213
[Dep. Biol., Hartwick Coll., Oneonta, NY 13820]

89-005467 Murray, Bertram G., Jr. A CRITICAL REVIEW OF THE TRANSOCEANIC MIGRATION OF THE BLACKPOLL WARBLER. *Auk* 106(1):8-17. 1989. WR 213
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

89-005468 Nixon, Andrew. IDENTIFICATION OF THE GREATER AND LESSER DOUBLECOLLARED SUNBIRDS. *Bee-eater* 39(4):51-52. 1988. WR 213
[38 College Dr., Mill Park, Port Elizabeth 6001, South Africa] *Nectarinia afra* and *N. mediocris* in South Africa.

OTHER PASSERINE BIRDS (CONTINUED)

89-005469 Norris, Larry L. NESTING OF PLUMBEOUS SOLITARY VIREO IN SOUTHERN SIERRA NEVADA. *West. Birds* 17(1):37-39. 1986. WR 213
[Res. Off., Sequoia & Kings Canyon Natl. Parks, Three Rivers, CA 93271] *Vireo solitarius plumbeus* in California.

89-005470 Orell, Markku. POPULATION FLUCTUATIONS AND SURVIVAL OF GREAT TITS *PARUS MAJOR* DEPENDENT ON FOOD SUPPLIED BY MAN IN WINTER. *Ibis* 131(1):112-127. 1989. WR 213
[Dep. Zool., Univ. Oulu, PL 191, SF-90101 Oulu, Finland]

89-005471 Oschadleus, Dieter and Mike Fraser. OBSERVATIONS OF COLOUR-RINGED CAPE SUGARBIRDS AT KIRSTENBOSCH. *Safring News* 17(2):59-64. 1988. WR 213
[30 Reynolds St., Dundee 3000, South Africa] *Promerops cafer* in South Africa.

89-005472 Pannach, Dieter. [UNUSUAL FOOD ACQUISITION BY THE BLACK CAP WARBLER (*SYLVIA ATRICAPILLA*).] *Beitr. Vogelkd.* 32(2):124. 1986. In German. WR 213
[Diesterwegstr. 18, DDR-7586 Boxberg, East Germany]

89-005473 Pannach, Dieter. [AN ADDITIONAL FIND OF THE HEDGE SPARROW (*PRUNELLA MODULARIS*) IN THE BUEKK MOUNTAINS, HUNGARY.] *Beitr. Vogelkd.* 34(1):67. 1988. In German. WR 213
[Diesterwegstr. 18, Boxberg DDR-7586, East Germany]

89-005474 Part, Tomas and Lars Gustafsson. BREEDING DISPERSAL IN THE COLLARED FLYCATCHER (*FICEDULA ALBICOLLIS*): POSSIBLE CAUSES AND REPRODUCTIVE CONSEQUENCES. *J. Anim. Ecol.* 58(1):305-320. 1989. WR 213
[Dep. Zool., Univ. Uppsala, Box 561, S-751 22 Uppsala, Sweden]

89-005475 Partch, Max. KENTUCKY WARBLER SPECIMEN. *Loon* 60(4):187. 1988. WR 213
[1490 N. Easy St. Way, Payson, AZ 85541] *Oporornis formosus*.

89-005476 Pashley, David N. WARBLERS OF THE WEST INDIES. I. THE VIRGIN ISLANDS. *Caribb. J. Sci.* 24(1-2):11-22. 1988. WR 213
[School For., Wildl., & Fish., La. State Univ., Baton Rouge 70803]

89-005477 Petit, Lisa J. BREEDING BIOLOGY OF PROTHONOTARY WARBLERS IN RIVERINE HABITAT IN TENNESSEE. *Wilson Bull.* 101(1):51-61. 1989. WR 213
[Dep. Zool., Univ. Arkansas, Fayetteville 72701] *Protonotaria citrea* in Tennessee.

89-005478 Petrinovich, Lewis. INDIVIDUAL STABILITY, LOCAL VARIABILITY AND THE CULTURAL TRANSMISSION OF SONG IN WHITE-CROWNED SPARROWS (*ZONOTRICHIA LEUCOPHRYS NUTTALLI*). *Behaviour* 107(3-4):208-240. 1988. WR 213
[Dep. Psychol., Univ. Calif., Riverside 92521]

89-005479 Pietila, Gregory. CAROLINA WREN IN ANOKA COUNTY. *Loon* 60(4):188-189. 1988. WR 213
[11830 Juniper St., Coon Rapids, MN 55433] *Thryothorus ludovicianus* in Minnesota.

OTHER PASSERINE BIRDS (CONTINUED)

89-005480 Piper, S. E. and D. M. Schultz. MONITORING TERRITORY, SURVIVAL AND BREEDING IN THE LONGTAILED WAGTAIL. *Safring News* 17(2):65-76. 1988. WR 213
[Dep. Surv. & Mapping, Univ. Natal, King George V Ave., Durban 4001, South Africa] *Motacilla clara* in South Africa.

89-005481 Piper, Walter H. and R. Haven Wiley. DISTINGUISHING MORPHS OF THE WHITE-THROATED SPARROW IN BASIC PLUMAGE. *J. Field Ornithol.* 60(1):73-83. 1989. In English with Spanish summ. WR 213
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907] *Zonotrichia albicollis.*

89-005482 Pitocchelli, Jay. CHARACTER VARIATION IN THE *OPORORNIS PHILADELPHIA - TOLMIEI* COMPLEX. *Ph.D. dissertation, City Univ. N.Y.* 444p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3052. 1989. Order No. DA8821112. WR 213

89-005483 Poley, Dieter and Dierk Poley. [OLIVACEOUS WARBLER (*HIPPOLAIS PALLIDA*) IN HEIDELBERG.] *Beitr. Vogelkd.* 34(1):63-64. 1988. In German. WR 213
[Tiergartern Heidelberg, Tiergartenstr. 3, D-6900 Heidelberg 1, West Germany]

89-005484 Prather, Bill. LEAST FLYCATCHER NESTING IN COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 22(4):134-136. 1988. WR 213
[13810 Weld Cty. Rd., #1, Longmont, CO 80501] *Empidonax minimus.*

89-005485 Preston, K. GRAY CATBIRD IN CO. CORK: NEW TO BRITAIN AND IRELAND. *Br. Birds* 82(1):1-3. 1989. WR 213
[Rennies, Bareenmanna Rd., Cork, Ireland] *Dumetella carolinensis.*

89-005486 Prinzinger, R.; Ingrid Lubben and K.-L. Schuchmann. ENERGY METABOLISM AND BODY TEMPERATURE IN 13 SUNBIRD SPECIES (NECTARINIDAE). *Comp. Biochem. Physiol. A Comp. Physiol.* 92(3):393-402. 1989. WR 213
[AG Stoffwechselphysiol., Inst. Zool., Univ. Frankfurt, Siesmayerstr. 70, D-6000 Frankfurt/Main, West Germany]

89-005487 Rebstock, Helmut and Karl-Eugen Maulbetsch. [SOME REMARKS ABOUT THE MATING BEHAVIOUR OF THE WHINCHAT (*SAXICOLA RUBETRA*).] *Ecol. Birds* 10(1):117-118. 1988. In German with English summ. WR 213
[Lupinenweg 12, 7460 Balingen-Ostdorf, West Germany]

89-005488 Reebs, Stephan G. ACOUSTICAL ENTRAINMENT OF CIRCADIAN ACTIVITY RHYTHMS IN HOUSE SPARROWS: CONSTANT LIGHT IS NOT NECESSARY. *Ethology* 80(1-4):172-181. 1989. WR 213
[Dep. Zool., Univ. Toronto, Toronto, ON, Canada M5S 1A1] *Passer domesticus.*

89-005489 Reid, Nick. DISPERSAL OF MISTLETOES BY HONEYEATERS AND FLOWERPECKERS: COMPONENTS OF SEED DISPERSAL QUALITY. *Ecology* 70(1):137-145. 1989. WR 213
[Fac. Cienc. For., Univ. Autonoma Nuevo Leon, Apdo. Postal 41, 67700 Linares N.L., Mexico] *Dicaeum hirundinaceum* and *Anthochaera rufogularis* in Australia.

OTHER PASSERINE BIRDS (CONTINUED)

89-005490 Ricossa, M. C. and R. Massa. THE BREEDING SEASON OF THE RED-BACKED SHRIKE, *LANIUS COLLURIO* L., IN NORTHERN ITALY. *Monit. Zool. Ital. New Ser.* 22(3):299-305. 1988. In English with Italian summ. WR 213
[Stazione Ornitol. Lombarda, Via Vanvitelli 32, 20129 Milano, Italy]

89-005491 Riley, Steve. CRESTED LARK USING 'ANVIL'. *Br. Birds* 82(1):30-31. 1989. WR 213
[25 Abbots Way, Formby, Merseyside, England] *Galerida cristata* in Morocco.

89-005492 Roach, Justin Ray. TERRITORIAL BEHAVIOR AND PAIR-BONDING IN THE WHITE-BREASTED NUTHATCH (*SITTA CAROLINENSIS*) IN EAST-CENTRAL TEXAS. *M.S. thesis, Stephen F. Austin State Univ*. 63p. 1988. From Masters Abstr. Int. 27(1):76-77. 1989. Order No. MA1334058. WR 213

89-005493 Rost, Fred. [LATE OBSERVATION OF A WHEATEAR (*OENANTHE OENANTHE*).] *Beitr. Vogelkd.* 32(2):124. 1986. In German. WR 213
[Rudolf-Harbig-Str. 14, DDR-7200 Borna, East Germany]

89-005494 Safina, Carl and James M. Utter. FOOD AND WINTER TERRITORIES OF NORTHERN MOCKINGBIRDS. *Wilson Bull.* 101(1):97-101. 1989. WR 213
[Natl. Audubon Soc., 306 S. Bay Ave., Islip, NY 11751] *Mimus polyglottos* in New York.

89-005495 Sakai, Howard F. BREEDING BIOLOGY AND BEHAVIOR OF HAMMOND'S AND WESTERN FLYCATCHERS IN NORTHWESTERN CALIFORNIA. *West. Birds* 19(2):49-60. 1988. WR 213
[U.S. Dep. Agric., 1700 Bayview Dr., Arcata, CA 95521] *Empidonax difficilis* and *E. hammondii*.

89-005496 Sakakibara, Shigeki. [THE ROLE OF THE VARIED TIT, *PARUS VARIUS* T. AND S., IN THE SEED DISPERSAL OF JAPANESE YEW, *TAXUS CUSPIDATA* S. AND Z.] *J. Jpn. For. Soc.* 71(2):41-49. 1989. In Japanese with English summ. WR 213
[Shizunai Agric. High School, Hokkaido 056, Japan]

89-005497 Salvo, Giovanni. [NOTES ON THE BIOLOGY OF THE LESSER GREY SHRIKE, *LANIUS MINOR*, IN SICILY.] *Riv. Ital. Ornitol.* 58(1-2):96-98. 1988. In Italian with English summ. WR 213
[Via Caprera 50, 92020 Racalmuto, Agrigento, Italy]

89-005498 Samenwerkende Organisaties Vogelonderzoek Nederland. [PENDULINE TIT *REMIZ PENDULINUS* COLONIZATION IN THE NETHERLANDS UP TO 1987.] *Limosa* 61(3/4):145-149. 1988. In Dutch with English summ. WR 213
[Postbus 81, 6573 ZH Beek, Netherlands]

89-005499 Sanchez, Julio E. and Rafael G. Campos Ramirez. [A NEW BIRD FOR COSTA RICA, THE YELLOW-WINGED TANAGER (*THRAUPIS ABBAS*).] *Brenesia* No. 25-26. p. 327-328. 1986. In Spanish. WR 213
[Dep. Hist. Nat., Mus. Nac., Costa Rica]

89-005500 Sasvari, L. FOOD SELECTION BY TITS ON AN ARTIFICIAL WINTER FOOD SUPPLY. *J. Appl. Ecol.* 25(3):807-817. 1988. WR 213
[Dep. Gen. Zool., Eotvos Univ., 1088 Budapest VIII., Puskin U.3., Hungary] *Parus major*, *P. palustris*, and *P. caeruleus* in Hungary.

OTHER PASSERINE BIRDS (CONTINUED)

89-005501 Schilde, Dieter. [A BLACKBIRD (*TURDUS MERULA*) BROODING IN AN EMPTY NEST.] *Beitr. Vogelkd.* 32(4):248. 1986. In German. WR 213
[Erich-Weinert-Str. 5, DDR-9112 Brugstadt, East Germany]

89-005502 Schnase, John L. and Terry C. Maxwell. USE OF SONG PATTERNS TO IDENTIFY INDIVIDUAL MALE CASSIN'S SPARROWS. *J. Field Ornithol.* 60(1):12-19. 1989. In English with Spanish summ. WR 213
[Dep. Computer Sci., Tex. A&M Univ., College Station 77843] *Aimophila cassinii* in Texas.

89-005503 Schubert, Peter. [CONTRIBUTION TO THE OCCURRENCE OF THE ORTOLAN BUNTING (*EMBERIZA HORTULANA*) IN THE SOUTHWESTERN FLAMING RIDGE, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):69-84. 1988. In German. WR 213
[KFH, Waldfrieden, Ahrensdorf DDR-1711, East Germany]

89-005504 Scowcroft, Paul G. and C. Eugene Conrad. RESTORING CRITICAL HABITAT FOR HAWAII'S ENDANGERED PALILA BY REDUCING UNGULATE POPULATIONS. *Trans. West. Sect. Wildl. Soc.* 24:72-79. 1988. WR 213
[U.S. For. Serv., Pac. Southwest For. & Range Exp. Stn., 1151 Punchbowl St., Rm. 323, Honolulu, HI 96813] *Ovis aries*, *O. musimon*, *Capra hircus*, and *Psittirostra bailleui*.

89-005505 Sealy, Spencer G. DEFENSE OF NECTAR RESOURCES BY MIGRATING CAPE MAY WARBLERS. *J. Field Ornithol.* 60(1):89-93. 1989. In English with Spanish summ. WR 213
[Dep. Zool., Univ. Manitoba, Winnipeg, MB, Canada R3T 2N2] *Dendroica tigrina*, *Archilochus colubris*, and *Vermivora peregrina* in Canada.

89-005506 Seitz, Ekkehard. [BREEDING OBSERVATION OF THE BLUETHROAT (*ERITHACUS SVECICUS SVECICUS*) IN SILVRETTA, AUSTRIA.] *Egretta* 28(1/2):73-74. 1985. In German. WR 213
[Uferstr. 8, D-8993 Nonnenhorn, West Germany]

89-005507 Seyffert, Kenneth D. FIRST WINTER SIGHTING OF THE CLAY-COLORED SPARROW IN THE TEXAS PANHANDLE. *Bull. Okla. Ornithol. Soc.* 21(4):34. 1988. WR 213
[2206 S. Lipscomb, Amarillo, TX 79109]

89-005508 Sharrock, J. T. R.; Alan Harris and Killian Mullarney. DESERT LARK USING SONG THRUSH-LIKE TECHNIQUE TO BREAK HARD FOOD ITEM. *Br. Birds* 82(1):29-30. 1989. WR 213
[Fountains, Park Ln., Blumham, Bedford MK44 3NJ, England] *Ammomanes deserti* in Israel.

89-005509 Shields, W. M.; J. R. Crook; M. L. Hebblethwaite and S. S. Wiles-Ehmann. IDEAL FREE COLONIALITY IN THE SWALLOWS. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 189-228. 1988. WR 213
[Dep. Environ. & For. Biol., State Univ., Coll. Environ. & For. Biol., Syracuse, NY 13210] *Hirundo rustica* in North America.

89-005510 Shirihai, Hadoram. IDENTIFICATION OF ARABIAN WARBLER. *Br. Birds* 82(3):97-113. 1989. WR 213
[Israeli Rarities & Distribution Comm., POB 4168, Eilat 88100, Israel] *Sylvia leucomelaena* in Red Sea and Area.

OTHER PASSERINE BIRDS (CONTINUED)

89-005511 Silverin, B.; P. A. Viebke; J. Westin and C. G. Scanes. SEASONAL CHANGES IN BODY WEIGHT, FAT DEPOTS, AND PLASMA LEVELS OF THYROXINE AND GROWTH HORMONE IN FREE-LIVING GREAT TITS (*PARUS MAJOR*) AND WILLOW TITS (*P. MONTANUS*). *Gen. Comp. Endocrinol*. 73(3):404-416. 1989. WR 213
[Dep. Zool., Univ. Gothenburg, Box 250 59, S-400 31 Gothenburg, Sweden]

89-005512 Smith, Gerald A. PRAIRIE WARBLER AS A REGULAR BREEDER AT ALVAR SITES IN JEFFERSON COUNTY. *Kingbird* 38(4):247-248. 1988. WR 213
[Cent. N.Y. Chapter, Nat. Conserv., RR 1, Box 498, Mexico 13114] *Dendroica discolor* in New York.

89-005513 Smith, P. William; William B. Robertson, Jr. and Henry M. Stevenson. WEST INDIAN CAVE SWALLOWS NESTING IN FLORIDA, WITH COMMENTS ON THE TAXONOMY OF *HIRUNDO FULVA*. *Fla. Field Nat*. 16(4):86-90. 1988. WR 213
[S. Fla. Res. Cent., Everglades Natl. Park, P.O. Box 279, Homestead 33030]

89-005514 Sniegowski, Paul Donald; Ellen D. Ketterson and Val Nolan, Jr. CAN EXPERIENCE ALTER THE AVIAN ANNUAL CYCLE? RESULTS OF MIGRATION EXPERIMENTS WITH INDIGO BUNTINGS. *Ethology* 79(4):333-341. 1988. WR 213
[Dep. Biol., Indiana Univ., Jordan Hall 138, Bloomington 47405] *Passerina cyanea* in Indiana.

89-005515 Snow, D. W. A STUDY OF BLACKBIRDS. *Br. Mus. Nat. Hist*. 196p. 1988. WR 213
Turdus merula.

89-005516 Staicer, Cynthia A. CHARACTERISTICS, USE, AND SIGNIFICANCE OF TWO SINGING BEHAVIORS IN GRACE'S WARBLER (*DENDROICA GRACIAE*). *Auk* 106(1):49-63. 1989. WR 213
[Dep. Zool., Univ. Mass., Amherst 01003]

89-005517 Stenmark, Geir; Tore Slagsvold and Jan T. Lifjeld. POLYGYNY IN THE PIED FLYCATCHER, *FICEDULA HYPOLEUCA*: A TEST OF THE DECEPTION HYPOTHESIS. *Anim. Behav*. 36(6):1646-1657. 1988. WR 213
[Slagsvold: Zool. Mus., Univ. Oslo, Sarsgt. 1, N-0562 Oslo 5, Norway]

89-005518 Stewart, Paul A. ANNUAL SURVIVAL RATE OF YELLOW-RUMPED WARBLERS. *N. Am. Bird Bander* 13(4):106. 1988. WR 213
[203 Mooreland Dr., Oxford, NC 27565] *Dendroica coronata*.

89-005519 Strache, Rolf-Rudiger. [FLAVISTIC HOUSE MARTINS (*DELICHON URBICA*).] *Beitr. Vogelkd*. 34(2/3):200-201. 1988. In German. WR 213
[Fischerpier 3, Wismar DDR-2400, East Germany]

89-005520 Strache, Rolf-Rudiger. [SONG IMITATION IN THE BLACK REDSTART (*PHOENICURUS OCHRUROS*).] *Beitr. Vogelkd*. 34(1):62-63. 1988. In German. WR 213
[Fischerpier 3, Wismar DDR-2400, East Germany]

89-005521 Sturm, Albrecht. [THE RED-BREASTED FLYCATCHER *FICEDULA PARVA* IN SAXON, SWITZERLAND.] *Beitr. Vogelkd*. 32(1):1-12. 1986. In German. WR 213
[Paul-Harnisch-Str. 17, DDR-8300 Pirna Copitz, East Germany]

OTHER PASSERINE BIRDS (CONTINUED)

89-005522 Sullivan, Kimberley A. PREDATION AND STARVATION: AGE-SPECIFIC MORTALITY IN JUVENILE JUNCOS (*JUNCO PHAENOTUS*). *J. Anim. Ecol.* 58(1):275-286. 1989. WR 213
[Dep. Biol., Utah State Univ., Logan 84322-5305]

89-005523 Swanson, Gary N. SPRAGUE'S PIPIT IN AITKIN COUNTY. *Loon* 60(4):187. 1988. WR 213
[Rt. 3, Box 166D, Buffalo, MN 55313] *Anthus spragueii* in Minnesota.

89-005524 Swenson, Jon E. REPRODUCTION OF MOUNTAIN BLUEBIRDS IN SOUTHCENTRAL MONTANA. *West. Birds* 16(4):161-168. 1985. WR 213
[Dep. Fish, Wildl. & Parks, 1001 Ridgeway Dr., Livingston, MT 59047] *Sialia currucoides*.

89-005525 Taylor, Peter. CAPE MAY WARBLER IN MANITOBA IN DECEMBER. *Blue Jay* 46(3):160-162. 1988. WR 213
[P.O. Box 597, Pinawa, MB, Canada R0E 1L0] *Dendroica tigrina*.

89-005526 Tefft, Zachary. REPORT OF SCISSOR-TAILED FLYCATCHER NEAR ELY. *Loon* 60(4):179-180. 1988. WR 213
[235 White St. E., Ely, MN 55731] *Muscivora forficata* in Minnesota.

89-005527 Terrill, S. B. and P. Berthold. EXPERIMENTAL EVIDENCE FOR ENDOGENOUSLY PROGRAMMED DIFFERENTIAL MIGRATION IN THE BLACKCAP (*SYLVIA ATRICAPILLA*). *Experientia (Basel)* 45(2):207-209. 1989. WR 213
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-7760 Schloss Moeggingen, West Germany]

89-005528 Thompson, Jeremy John. THE POST-NUPTIAL MOULT OF *QUELEA QUELEA* IN RELATION TO BREEDING IN KENYA. *J. Trop. Ecol.* 4(4):373-380. 1988. WR 213
[20 Bredden St., Chapel Hill, Qld. 4069, Australia]

89-005529 Todd, William. ALBINO BLUEBIRD AT THE OKLAHOMA CITY ZOOLOGICAL PARK. *Bull. Okla. Ornithol. Soc.* 21(4):32-33. 1988. WR 213
[Okla. City Zool. Park, 2101 N.E. 59th St., Oklahoma City 73111] *Sialia sialis*.

89-005530 Todte, I. [POLYGYNY IN THE BLACK REDSTART (*PHOENICURUS OCHRUROS*).] *Beitr. Vogelkd.* 32(5/6):341-342. 1986. In German. WR 213
[Nachtigallenweg 16, Aken/Elbe DDR-4372, East Germany]

89-005531 Tostain, Olivier. NESTING OF THE RUFOUS-TAILED FLATBILL (TYRANNIDAE), IN FRENCH GUIANA. *J. Field Ornithol.* 60(1):30-35. 1989. In English with Spanish summ. WR 213
[Lab. Ecol. Trop., C.N.R.S., Mus. Natl. Hist. Nat., 4 Ave. Petit Chateau, 91800 Brunoy, France] *Ramphotrigon ruficauda*.

89-005532 Trail, Pepper W. and Luis F. Baptista. THE BEHAVIOR, STATUS, AND RELATIONSHIPS OF THE ENDEMIC ST. LUCIA BLACK FINCH. *Natl. Geogr. Res.* 5(1):82-97. 1989. WR 213
[Dep. Ornithol. & Mammal., Calif. Acad. Sci., San Francisco 94118] *Melanospiza richardsoni*.

OTHER PASSERINE BIRDS (CONTINUED)

89-005533 Tripathi, P. M. and P. D. Tewary. PARTICIPATION OF CIRCADIAN PERIODICITY IN THE PHOTOPERIODIC RESPONSE OF THE MALE YELLOW-THROATED SPARROW, *GYMNORHIS XANTHOCOLLIS*. *Arch. Biol*. 99(4):405-415. 1988. In English with French summ. WR 213
[c/o 74, Dalmia Hostel, Banaras Hindu Univ., Varanasi-221005, India]

89-005534 Trollope, Jeffrey. BREEDING AND BEHAVIOUR OF THE BLUE AND WHITE FLYCATCHER *CYANOPTILA CYANOMELANA*. *Avic. Mag*. 94(4):190-194. 1988. WR 213

89-005535 Unitt, Philip. PLUMAGE WEAR IN *VIREO BELLII*. *West. Birds* 16(4):189-190. 1985. WR 213
[3411 Felton St., San Diego, CA 92104]

89-005536 Unitt, Philip. *EMPIDONAX TRAILLII EXTIMUS*: AN ENDANGERED SUBSPECIES. *West. Birds* 18(3):137-162. 1987. WR 213
[3411 Felton St., San Diego, CA 92104]

89-005537 Vagvolgyi, Joseph and Maria W. Vagvolgyi. THE TAXONOMIC STATUS OF THE SMALL GROUND-FINCH, *GEOSPIZA* (AVES: EMBERIZIDAE) OF GENOVESA ISLAND, GALAPAGOS, AND ITS RELEVANCE TO INTERSPECIFIC COMPETITION. *Auk* 106(1):144-148. 1989. WR 213
[Biol. Dep., Coll. Staten Island, CUNY, Staten Island, NY 10301] *G. difficilis* and *G. fuliginosa*.

89-005538 Valentine, Bradley E.; Thomas A. Roberts; Stephen P. Boland and A. Peter Woodman. LIVESTOCK MANAGEMENT AND PRODUCTIVITY OF WILLOW FLYCATCHERS IN THE CENTRAL SIERRA NEVADA. *Trans. West. Sect. Wildl. Soc*. 24:105-114. 1988. WR 213
[Kings River Conserv. Dist., 4886 E. Jensen Ave., Fresno, CA 93725] *Empidonax traillii* in California.

89-005539 Viney, Clive. JUVENILE FLOWERPECKERS *DICAEUM* SPP. AT TAI PO KAU NATURE RESERVE. *Hong Kong Bird Rep*. 1987:103-105. 1988. WR 213
[87 Mount Nicholson Gap, Hong Kong]

89-005540 Voser, Isabelle and Claude Vaucher. [PARASITIC HELMINTHS OF PARAGUAY XIV. TAPEWORMS FROM TURDIDAE AND DESCRIPTION OF *ANOMATAENIA KOROCHIREI* N. SP.] *Rev. Suisse Zool*. 95(4):1137-1161. 1988. In French with English summ. WR 213
[Mus. Hist. Nat., Case Postal 434, CH-1211 Geneva 6, Switzerland] *Turdus amaurochalinus* and *T. rufiventris*.

89-005541 Wassmann, Ralf. [PECULIAR COMFORT BEHAVIOUR OF A MARSH WARBLER (*ACROCEPHALUS PALUSTRIS*).] *Ecol. Birds* 10(1):115-116. 1988. In German. WR 213
[Noldeweg 8, 3320 Salzgitter 1, West Germany]

89-005542 Weber, Ralf. [UNUSUALLY EARLY CLUTCH IN A MARSH WARBLER (*ACROCEPHALUS PALUSTRIS*).] *Beitr. Vogelkd*. 34(2/3):204. 1988. In German. WR 213
[Markt 8, Schonewalde DDR-7901, East Germany]

89-005543 Webster, Marcus D. and Wesley W. Weathers. EFFECT OF WIND AND AIR TEMPERATURE ON METABOLIC RATE IN VERDINS, *AURIPARUS FLAVICEPS*. *Physiol. Zool*. 61(6):543-554. 1988. WR 213
[Dep. Avian Sci., Univ. Calif., Davis 95616]

OTHER PASSERINE BIRDS (CONTINUED)

89-005544 Weichel, Klaus; Petra Heid and Hans R. Guttinger. 17β-ESTRADIOLBENZOATE-DEPENDENT SONG INDUCTION IN JUVENILE FEMALE CANARIES (*SERINUS CANARIA*) - LONG-TERM MEASUREMENTS OF SONG ACTIVITY. *Ethology* 80(1-4):55-70. 1989. WR 213
[Fachbereich Biol., Univ. Kaiserslautern, Postfach 3049, D-6750 Kaiserslautern, West Germany]

89-005545 Wersuhn, Anita. [LATE OBSERVATIONS OF THE BLACK REDSTART (*PHOENICURUS OCHRUROS*) IN BERLIN, EAST GERMANY.] *Beitr. Vogelkd.* 34(2/3):200. 1988. In German. WR 213
[Dolgenseestr. 13, Berlin DDR-1136, East Germany]

89-005546 Wilczynski, Walter; Michael J. Ryan and Eliot A. Brenowitz. THE DISPLAY OF THE BLUE-BLACK GRASSQUIT: THE ACOUSTIC ADVANTAGE OF GETTING HIGH. *Ethology* 80(1-4):218-222. 1989. WR 213
[Dep. Psychol., 330 Meyes Hall, Univ. Tex., Austin 78712] *Volatinia jacarina* in Panama.

89-005547 Wiley, Martha B. EASTRIDGE: RESIDENTIAL DEVELOPMENT AND THE BLACK-TAILED GNATCATCHER. *In: Wildlife Conservation and New Residential Developments. Kathryn Stenberg and William W. Shaw, editors.* p. 77-83. 1986. WR 213
[Nasland Eng., 4855 Ruffner St., San Diego, CA 92111] *Polioptila melanura* in California.

89-005548 Wiprachtiger, Peter. [A RUSTIC BUNTING (*EMBERIZA RUSTICA*) IN THE RHINE DELTA, AUSTRIA.] *Egretta* 28(1/2):75. 1985. In German. WR 213
[Schutzenweg, CH-6247 Schotz, Switzerland]

89-005549 Wolf, Licia; Ellen D. Ketterson and Val Nolan, Jr. PATERNAL INFLUENCE ON GROWTH AND SURVIVAL OF DARK-EYED JUNCO YOUNG: DO PARENTAL MALES BENEFIT? *Anim. Behav.* 36(6):1601-1618. 1988. WR 213
[Dep. Biol., Indiana Univ., Bloomington 47405] *Junco hyemalis* in Virginia.

89-005550 Wolf, Marilise. [MIXED SONG IN A WILLOW-WARBLER (*PHYLLOSCOPUS TROCHILUS*).] *Egretta* 29(1/2):31-36. 1986. In German with English summ. WR 213
[Schwenkgasse 20/9, A-1120 Vienna, Austria]

89-005551 Wunderlich, Klaus. [CAN THE AZOREAN BULLFINCH STILL BE SAVED? THE CURRENT STATUS OF *PYRRHULA PYRRHULA MURINA* GODMAN.] *Beitr. Vogelkd.* 32(5/6):323-326. 1986. In German. WR 213
[Forschungsstelle Wirbeltierforsch. ADW, Am Tierpark 125, Berlin DDR-1136, East Germany]

89-005552 Yevin, Shmulik. [CHOICE OF NESTING SITE AND DEFENSE OF THE NEST IN THE GREAT TIT (*PARUS MAJOR*).] *Torgos* 7(2):11-16, 107-108. 1988. In Hebrew with English summ. WR 213

89-005553 Yosef, R. and B. Pinshow. POLYGYNY IN THE GREAT GREY SHRIKE *LANIUS EXCUBITOR* MAY EXPLAIN THE FUNCTION OF THEIR IMPALING PREY. *Isr. J. Zool.* 35(1-2):86-87. 1988/89. Abstract only. WR 213
[Mitrani Cent. Desert Ecol., Jacob Blaustein Inst. Desert Res., Ben Gurion Univ. Negev, 84993 Sede Boqer Campus, Israel]

OTHER PASSERINE BIRDS (CONTINUED)

89-005554 Zaias, Julia and Randall Breitwisch. INTRA-PAIR COOPERATION, FLEDGLING CARE, AND RENESTING BY NORTHERN MOCKINGBIRDS (*MIMUS POLYGLOTTOS*). *Ethology* 80(1-4):94-110. 1989. WR 213
[Breitwisch: Dep. Biol., Univ. Dayton, 300 College Park, Dayton, OH 45469]

89-005555 Zembal, Richard; Karla J. Kramer; Raymond J. Bransfield and Nancy Gilbert. A SURVEY OF BELDING'S SAVANNAH SPARROWS IN CALIFORNIA. *Am. Birds* 42(5):1233-1236. 1988. WR 213
[U.S. Fish & Wildl. Serv., 24000 Avila Rd., Laguna Niguel, CA 92656] *Ammodramus sandwichensis beldingi*.

89-005556 Zilberman, R. THE BREEDING BIOLOGY OF THE ORANGE-TUFTED SUNBIRD *NECTARINIA O. OSEA* (NECTARINIDAE). *Isr. J. Zool.* 35(1-2):87. 1988/89. Abstract only. WR 213
[Dep. Zool., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-005557 Zink, Robert M. PATTERNS AND EVOLUTIONARY SIGNIFICANCE OF GEOGRAPHIC VARIATION IN THE *SCHISTACEA* GROUP OF THE FOX SPARROW (*PASSERELLA ILIACA*). *Ornithol. Monogr.* No. 40. 119p. 1986. WR 213
[Mus. Vertebr. Zool. & Dep. Zool., Univ. Calif., Berkeley 94720]

PSITTACINE BIRDS

89-005558 Coyle, Peter. RAINBOW LORIKEETS (*TRICHOGLOSSUS HAEMATODUS*) RELEASED ON ROTTNEST ISLAND IN 1960. *West. Aust. Nat.* 17(5):109-110. 1988. WR 213
[Agric. Prot. Board, South Perth, W.A. 6151, Australia]

89-005559 Dvir, Eran. [FAR FROM THE CAGES - RING-NECKED PARAKEETS (*PSITTACULA KRAMERI*) ARE SETTLING IN OUR AREA.] *Torgos* 7(2):57-67, 103. 1988. In Hebrew with English summ. WR 213

89-005560 Hashino, Eri and Masahiro Sokabe. KANAMYCIN INDUCED LOW-FREQUENCY HEARING LOSS IN THE BUDGERIGAR (*MELOPSITTACUS UNDULATUS*). *J. Acoust. Sco. Am.* 85(1):289-294. 1989. WR 213
[Dep. Comm., Tokyo Woman's Christian Univ., Mitaka, Tokyo 181, Japan]

89-005561 Healy, Susan Y. and Mark P. Thormahlen. BREEDING AND HAND-REARING THE THICK-BILLED PARROT (*RHYNCHOPSITTA P. PACHYRHYNCHA*). *AAZPA (Am. Assoc. Zool. Park Aquariums) Annu. Conf. Proc.* p. 497-506. 1988. WR 213

89-005562 Hobbs, J. N. COCKATOOS FEEDING ON THE SEEDS OF THE ALEPPO PINE. *Aust. Birds* 21(4):104. 1988. WR 213
[12 Hume St., Dareton, N.S.W. 2717, Australia] *Cacatua leadbeateri*.

89-005563 Hodges, J. R. THE ORANGE-BELLIED PARRAKEET *NEOPHEMA CHRYSOGASTER*. *Avic. Mag.* 94(4):202-204. 1988. WR 213

89-005564 Homberger, Dominique G. THE LINGUAL APPARATUS OF THE AFRICAN GREY PARROT, *PSITTACUS ERITHACUS* LINNE (AVES: PSITTACIDAE): DESCRIPTION AND THEORETICAL MECHANICAL ANALYSIS. *Ornithol. Monogr.* No. 39. 233p. 1986. WR 213
[Dep. Zool. & Physiol., La. State Univ., Baton Rouge 70803]

PSITTACINE BIRDS (CONTINUED)

89-005565 McFarland, D. C. GEOGRAPHICAL VARIATION IN THE CLUTCH SIZE AND BREEDING SEASON OF THE GROUND PARROT *PEZOPORUS WALLICUS*. *Aust. Bird Watcher* 12(8):247-250. 1988. WR 213
[Queensland Natl. Parks & Wildl. Serv., P.O. Box 42, Kenmore, Qld. 4069, Australia]

89-005566 Mori, F.; A. Touchi; T. Suwa; C. Itakura; A. Hashimoto and K. Hirai. INCLUSION BODIES CONTAINING ADENOVIRUS-LIKE PARTICLES IN THE KIDNEYS OF PSITTACINE BIRDS. *Avian Pathol.* 18(1):197-202. 1989. In English with German, French, and Spanish summ. WR 213
[Dep. Comp. Pathol., Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan]

89-005567 Perez, T. M. and W. T. Atyeo. NEW FEATHER MITE SPECIES OF *ARALICHUS* (ACARINA, PTEROLICHIDAE) FROM THE WHITE-CAPPED PARROT, *PIONUS SENILIS* (SPIX). *J. Parasitol.* 75(1):11-20. 1989. WR 213
[Lab. Acarol., Dep. Biol., UNAM, 04510 Mexico, DF, Mexico]

89-005568 Scott, C. BREEDING COBALT-WINGED PARRAKEETS. *Avic. Mag.* 94(4):195-197. 1988. WR 213

89-005569 Serpell, James. VISUAL DISPLAYS AND TAXONOMIC AFFINITIES IN THE PARROT GENUS *TRICHOGLOSSUS*. *Biol. J. Linn. Soc.* 36(1/2):193-211. 1989. WR 213
[Sub-dep. Anim. Behav., Madingley, Cambridge CB3 8AA, England]

89-005570 Snyder, Noel F. R. and Terry Johnson. PROGRESS OF RELEASES OF THICK-BILLED PARROTS IN ARIZONA. *AAZPA (Am. Assoc. Zool. Parks Aquariums) Annu. Conf. Proc.* p. 442-447. 1988. WR 213
Rhynchopsitta pachyrhyncha.

89-005571 Traill, B. J. THE TURQUOISE PARROT *NEOPHEMA PULCHELLA* IN EAST GIPPSLAND. *Aust. Bird Watcher* 12(8):267-269. 1988. WR 213
[1 Warwick Rd., Wodenga, Vic. 3690, Australia]

89-005572 Yamamoto, J. T.; K. M. Shields; J. R. Millam; T. E. Roudybush and C. R. Grau. REPRODUCTIVE ACTIVITY OF FORCE-PAIRED COCKATIELS (*NYMPHICUS HOLLANDICUS*). *Auk* 106(1):86-93. 1989. WR 213
[Dep. Avian Sci., Univ. Calif., Davis 95616]

OTHER BIRDS

89-005573 Arlettaz, Raphael; Ralph Lugon and Stephane Pellaud. [A PROBABLE INSTANCE OF NESTING BY EUROPEAN BEE-EATERS, *MEROPS APIASTER*, IN VALAIS.] *Nos Oiseaux* 39(8):420. 1988. In French. WR 213
[CH-3960 Loc/Sierre, Switzerland]

89-005574 Buttemer, William A.; Lee B. Astheimer and Terence J. Dawson. THERMAL AND WATER RELATIONS OF EMU EGGS DURING NATURAL INCUBATION. *Physiol. Zool.* 61(6):483-494. 1988. WR 213
[Dep. Zool., Univ. Wash., Seattle 78195] *Dromaius novaehollandiae.*

89-005575 Falzone, Celia K. GROWTH AND DEVELOPMENT OF CAPTIVE-BRED ABYSSINIAN GROUND HORNBILLS *BUCORVUS ABYSSINICUS*. *Avic. Mag.* 94(4):211-215. 1988. WR 213

OTHER BIRDS (CONTINUED)

89-005576 Garrod, Jean D. KINGFISHER IMPALING ITS CATCH. *Br. Birds* 82(1):29. 1989. WR 213
[769 Foxhall Rd., Ipswich IP4 5TJ, England] *Alcedo atthis* in England.

89-005577 Goodwin, D. F. A CUCKOO IN THE NET. *Nyala* 12(1/2):83-84. 1988. WR 213
[Njuli Coffee Estate, P.O. Box 7, Njuli, Malawi] *Chrysococcyx cupreus* in Malawi.

89-005578 Kemp, Alan C. THE SYSTEMATICS AND ZOOGEOGRAPHY OF ORIENTAL AND AUSTRALASIAN HORNBILLS (AVES: BUCEROTIDAE). *Bonn. Zool. Beitr.* 39(4):315-345. 1988. In English with German summ. WR 213
[Dep. Birds, Transvaal Mus., P.O. Box 413, Pretoria 0001, South Africa]

89-005579 Laymon, Stephen A. and Mary D. Halterman. CAN THE WESTERN SUBSPECIES OF THE YELLOW-BILLED CUCKOO BE SAVED FROM EXTINCTION? *West. Birds* 18(1):19-25. 1987. WR 213
[Dep. For. & Manage., 145 Mulford Hall, Univ. Calif., Berkeley 94720] *Coccyzus americanus occidentalis* in California.

89-005580 Ligon, J. David and Sandra H. Ligon. TERRITORY QUALITY: KEY DETERMINANT OF FITNESS IN THE GROUP-LIVING GREEN WOODHOOPOE. *In: The Ecology of Social Behavior. C.N. Slobodchikoff, editor.* p. 229-253. 1988. WR 213
[Dep. Biol., Univ. N.M., Albuquerque 87131] *Phoeniculus purpureus* in Kenya.

89-005581 Loiselle, Bette A.; John G. Blake; Timothy C. Moermond and Douglas J. Mason. LOW ELEVATION RECORD FOR RESPLENDENT QUETZALS IN COSTA RICA. *J. Field Ornithol.* 60(1):86-88. 1989. In English with Spanish summ. WR 213
[Nat. Resour. Res. Inst., Univ. Minn., Duluth 55811] *Pharomachrus mocinno.*

89-005582 Nakamura, Hiroshi and Takahiro Tabata. WHY DOES THE BROAD-BILLED ROLLER *EURYSTOMUS ORIENTALIS* BRING STRANGE OBJECTS TO THE NEST? *Jpn. J. Ornithol.* 36(4):137-152. 1988. In English with Japanese summ. WR 213
[Dep. Biol., Fac. Educ., Shinshu Univ., Nishinagano, Nagano 380, Japan]

89-005583 Noble, Robert E. SINGING IN THE PUERTO RICAN NIGHTJAR. *Caribb. J. Sci.* 24(1-2):82-83. 1988. WR 213
[School For., Wildl., & Fish., Agric. Exp. Stn., La. State Univ. Agric. Cent., Baton Rouge 70803]

89-005584 Peter, Heinz. [THE LAST BREEDING OCCURRENCE OF THE ROLLER (*CORACIAS GARRULUS*) IN LOWER AUSTRIA.] *Egretta* 28(1/2):70-72. 1985. In German. WR 213
[Joh.-Nep.-Fuchs-Gasse 4, A-7000 Eisenstadt, Austria]

89-005585 Robel, Detlef and Sigrid Robel. [THE INVOLVEMENT OF A THIRD ADULT BIRD IN THE RAISING OF A YOUNG ROLLER (*CORACIAS GARRULUS*) YOUNG.] *Beitr. Vogelkd.* 32(1):55-56. 1986. In German. WR 213
[Kiekebuscher Str. 5, Tierpark Cottbus, DDR-7500 Cottbus, East Germany]

OTHER BIRDS (CONTINUED)

89-005586 Robel, Detlef. [NOTES ON THE ECOLOGY OF THE EURASIAN ROLLER (*CORACIAS GARRULUS*).] *Zool. Gart.* 58(5/6):313-325. 1988. In German. WR 213
[Tierpark Cottbus, Kiekebuscher Str. 5, Cottbus DDR-7500, East Germany]

89-005587 Robel, Detlef. [ON THE NEST-LEAVING PERIOD OF THE ROLLER (*CORACIAS GARRULUS*).] *Beitr. Vogelkd.* 32(5/6):313-316. 1986. In German. WR 213
[Tierpark Cottbus, Kiekebuscher Str. 5, Cottbus DDR-7500, East Germany]

89-005588 Royer, Ronald A. and Michael B. Thompson. FIRST CONFIRMED NORTH DAKOTA NESTING OF THE COMMON POORWILL. *Prairie Nat.* 20(4):230. 1988. WR 213
[Div. Sci., Minot State Univ., Minot, ND 58701] *Phalaenoptilus nuttallii.*

89-005589 Santana C., Eduardo; Timothy C. Moermond and Julie Sloan Denslow. FRUIT SELECTION IN THE COLLARED ARACARI (*PTEROGLOSSUS TORQUATUS*) AND THE SLATY-TAILED TROGON (*TROGON MASSENA*): TWO BIRDS WITH CONTRASTING FORAGING MODES. *Brenesia* No. 25-26. p. 279-295. 1986. WR 213
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706]

89-005590 Tweddle, D. PIED KINGFISHER SWALLOWS PREY ON THE WING. *Nyala* 12(1/2):81-82. 1988. WR 213
Ceryle rudis.

89-005591 Wright, Scott M. A THREE YEAR OBSERVATIONAL STUDY OF THE DOUBLE-WATTLED CASSOWARY AT THE CLEVELAND METROPARKS ZOO. *Anim. Keepers' Forum* 15(12):402-406. 1988. WR 213
[Cleveland Metroparks Zoo, Cleveland, OH] *Casuarius casuarius.*

AMPHIBIANS AND REPTILES

89-005592 Andren, Claes; Goran Nilson and Tor-Bjorn Larsson. THE STATUS OF SWEDISH AMPHIBIANS AND REPTILES. *Mem. Soc. Fauna Flora Fenn.* 64(3):91. 1988. WR 213
[Univ. Gothenburg, Dep. Zool., Box 25059, S-400 31, Goteborg, Sweden]

89-005593 Banks, Chris B. and Angus A. Martin, editors. PROCEEDINGS OF THE MELBOURNE HERPETOLOGICAL SYMPOSIUM. *Dominion Press (Australia)* 199p. 1981. WR 213
Selected chapters indexed in this issue of *Wildlife Review.*

89-005594 Cogger, Harold G. A BIOGEOGRAPHIC STUDY OF THE ARNHEM LAND HERPETOFAUNA. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 148-155. 1981. WR 213
[Australian Mus., 6-8 College St., Sydney, N.S.W. 2000, Australia]

89-005595 Dowdey, Tanya Gail. ANTIPREDATOR RESPONSES OF *EURYCEA BISLINEATA* AND *EURYCEA WILDERAE* TO A SNAKE PREDATOR. *M.S. thesis, Univ. Tex. (Arlington)* 61p. 1988. From Masters Abstr. Int. 27(1):71. 1989. Order No. MA1333966. WR 213
Thamnophis ordinoides.

AMPHIBIANS AND REPTILES (CONTINUED)

89-005596 Fog, Kare. REINVESTIGATION OF 1300 AMPHIBIAN LOCALITIES RECORDED IN THE 1940s. *Mem. Soc. Fauna Flora Fenn.* 64(3):134-135. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark]

89-005597 Fog, Kare. THE ATLAS INVESTIGATION OF AMPHIBIANS AND REPTILES IN DENMARK. *Mem. Soc. Fauna Flora Fenn.* 64(3):94-96. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark]

89-005598 Fog, Kare; Claus H. Ovesen; Jens B. Rasmussen and Erich Wederkinch, organizers. THIRD NORDIC HERPETOLOGICAL SYMPOSIUM. *Mem. Soc. Fauna Flora Fenn.* 64(3):90-157. 1988. WR 213
Individual papers included in this issue of *Wildlife Review*.

89-005599 Groves, Craig. IDAHO'S AMPHIBIANS & REPTILES: DESCRIPTION, HABITAT & ECOLOGY. *Idaho Wildl.* 9(2):13-24. 1989. WR 213
[Dep. Fish & Game, Box 25, Boise, ID 83707]

89-005600 Hagstrom, Torkel and Ted von Proschwitz. THE HERPETOFAUNA OF DALSLAND IN SW SWEDEN. CHANGES AND TENDENCIES. *Mem. Soc. Fauna Flora Fenn.* 64(3):133. 1988. WR 213
[Naturhist. Mus., Box 7283, S-402 35 Goteborg, Sweden]

89-005601 Heath, Darrell R.; David A. Saugey and Glyn Turnipseed, compilers. A PRELIMINARY CHECKLIST OF HERPTILES INHABITING THE STATE PARKS OF ARKANSAS. *Arkansas Herpetol. Soc. Spec. Publ.* No. 1. 6p. 1988. WR 213
[Saugey: U.S. For. Serv., Ouachita Natl. For., P.O. Box 1270, Hot Springs, AR 71902]

89-005602 Heatwole, Harold. HERPETOFAUNAL ASSEMBLAGES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 156-158. 1981. WR 213
[Dep. Zool., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-005603 Heinrich, George. RAMIFICATIONS OF RELEASING/RELOCATING REPTILES AND AMPHIBIANS AND SUBSEQUENT EFFECTS UPON THE EXISTING HERPETOFAUNAL COMMUNITY. WITH TECHNIQUES AND GUIDELINES FOR IMPROVING SUCCESS RATES. *Annu. Symp. Natl. Wildl. Rehab. Assoc.* 6:105-114. 1987. WR 213
[6505 N. Adriana Ave., Tampa, FL 33604-6055]

89-005604 Holmen, Mogens and Erich Wederkinch. MONITORING AMPHIBIAN POPULATIONS IN THE COPENHAGEN REGION. *Mem. Soc. Fauna Flora Fenn.* 64(3):124-128. 1988. WR 213
[Hobjergvej 11, DK-3200 Helsinge, Denmark]

89-005605 Nilson, Goran and Claes Andren. MAPPING OF SWEDISH REPTILES AND AMPHIBIANS. *Mem. Soc. Fauna Flora Fenn.* 64(3):92-93. 1988. WR 213
[Univ. Gothenburg, Dep. Zool., Box 25059, S-400 31, Goteborg, Sweden]

89-005606 Ovesen, Claus Helweg. PROTECTION OF AMPHIBIANS AND REPTILES AND THEIR BIOTOPES IN DENMARK. *Mem. Soc. Fauna Flora Fenn.* 64(3):142. 1988. WR 213
[Skovog Naturstyrelsen, Amalieg. 13, DK-1256 Copenhagen, Denmark]

89-005607 Pillai, R. S. and T. S. N. Murthy. AMPHIBIA. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 186-209. 1986. WR 213
[Zool. Surv. India, Madras, India]

AMPHIBIANS AND REPTILES (CONTINUED)

89-005608 Rawlinson, P. A. CONSERVATION OF AUSTRALIAN AMPHIBIAN AND REPTILE COMMUNITIES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 127-138. 1981. WR 213
[Zool. Dep., La Trobe Univ., Bundoora, Vic. 3083, Australia]

89-005609 Watson, Graeme F. DIVERSITY AND DISTRIBUTION OF AUSTRALIAN AMPHIBIANS. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 3. 1981. Abstract only. WR 213
[Dep. Zool., Univ. Melbourne, Parkville, Vic. 3052, Australia]

89-005610 Welsh, Hartwell H., Jr. MONITORING HERPETOFAUNA IN WOODLAND HABITATS OF NORTHWESTERN CALIFORNIA AND SOUTHWESTERN OREGON: A COMPREHENSIVE STRATEGY. *U.S. For. Serv. Gen. Tech. Rep.* PSW-100. p. 203-213. 1987. WR 213
[Pac. Southwest For. & Range Exp. Stn., U.S. For. Serv., Arcata, CA]

AMPHIBIANS

89-005611 Alford, Ross A. VARIATION IN PREDATOR PHENOLOGY AFFECTS PREDATOR PERFORMANCE AND PREY COMMUNITY COMPOSITION. *Ecology* 70(1):206-219. 1989. WR 213
[Dep. Zool., James Cook Univ., Townsville, Qld. 4811, Australia] *Rana sphenocephala, Scaphiopus holbrookii, Bufo americanus, Hyla chrysoscelis,* and *Notophthalmus viridescens dorsalis.*

89-005612 Amtkjaer, Jens. MONITORING POPULATIONS OF THE GREEN TOAD (*BUFO VIRIDIS* LAUR.) ON THE ISLAND OF SAMSO. *Mem. Soc. Fauna Flora Fenn.* 64(3):129-132. 1988. WR 213
[Arhus Amtskommune, By- og Landskabskontoret, Lyseng Alle 1, DK-8270 Hojbjerg, Denmark]

89-005613 Andren, Claes and Goran Nilson. ISLAND POPULATIONS OF THE NATTERJACK TOAD *BUFO CALAMITA* ON THE SWEDISH WEST COAST. *Mem. Soc. Fauna Flora Fenn.* 64(3):112. 1988. WR 213
[Univ. Gothenburg, Dep. Zool., Box 25059, S-400 31, Goteborg, Sweden]

89-005614 Andren, Claes and Goran Nilson. REINTRODUCTION OF THE FIRE-BELLIED TOAD *BOMBINA BOMBINA* IN SCANIA, SOUTH SWEDEN. *Mem. Soc. Fauna Flora Fenn.* 64(3):100. 1988. WR 213
[Univ. Gothenburg, Dep. Zool., Box 25059, S-400 31, Goteborg, Sweden]

89-005615 Barta, J. R.; Y. Boulard and S. S. Desser. BLOOD PARASITES OF *RANA ESCULENTA* FROM CORSICA: COMPARISON OF ITS PARASITES WITH THOSE OF EASTERN NORTH AMERICAN RANIDS IN THE CONTEXT OF HOST PHYLOGENY. *Trans. Am. Microsc. Soc.* 108(1):6-20. 1989. WR 213
[Dep. Zool., Univ. Toronto, Toronto, ON, Canada M5S 1A1]

89-005616 Baustian, Mark. THE CONTRIBUTION OF LYMPHATIC PATHWAYS DURING RECOVERY FROM HEMORRHAGE IN THE TOAD *BUFO MARINUS*. *Physiol. Zool.* 61(6):555-563. 1988. WR 213
[824 VRT, Dep. Physiol., Cornell Univ., Ithaca, NY 14853]

AMPHIBIANS (CONTINUED)

89-005617 Beneski, John T., Jr. and John H. Larsen, Jr. INTERSPECIFIC, ONTOGENETIC, AND LIFE HISTORY VARIATION IN THE TOOTH MORPHOLOGY OF MOLE SALAMANDERS (AMPHIBIA, URODELA, AND AMBYSTOMATIDAE). *J. Morphol.* 199(1):53-69. 1989. WR 213
[Dep. Biol., West Chester Univ., West Chester, PA 19383] *Ambystoma, Linguaelapsus,* and *Rhycosiredon* spp.

89-005618 Boutilier, Robert G. DIVING PHYSIOLOGY: AMPHIBIANS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 677-695. 1989. WR 213
[Dalhousie Univ., Halifax, NS, Canada]

89-005619 Boycott, Richard C. DESCRIPTION OF A NEW SPECIES OF *HELEOPHRYNE* SCLATER, 1899 FROM THE CAPE PROVINCE, SOUTH AFRICA (ANURA: HELEOPHRYNIDAE). *Ann. Cape Prov. Mus. Nat. Hist.* 16(Part 11):309-319. 1988. WR 213
[P.O. Box 97, Halfway House, 1685 Transvaal, South Africa] *H. hewitti.*

89-005620 Bradford, David F. and Roger Seymour. INFLUENCE OF ENVIRONMENTAL Po_2 ON EMBRYONIC OXYGEN CONSUMPTION, RATE OF DEVELOPMENT, AND HATCHING IN THE FROG *PSEUDOPHRYNE BIBRONI. Physiol. Zool.* 61(6):475-782. 1988. WR 213
[Environ. Sci. & Eng., School Publ. Health, Univ. Calif., Los Angeles 90024]

89-005621 Brandon, Ronald A. NOMENCLATURAL AND TAXONOMIC STATUS OF *AMBYSTOMA LACUSTRIS. Herpetologica* 44(4):427-430. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901]

89-005622 Briggs, Lars; Kare Fog; Niels Riis and Erich Wederkinch. STATUS FOR *BOMBINA BOMBINA* IN DENMARK. *Mem. Soc. Fauna Flora Fenn.* 64(3):97-99. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark]

89-005623 Burggren, Warren W. LUNG STRUCTURE AND FUNCTION: AMPHIBIANS. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 153-192. 1989. WR 213
[Univ. Mass., Amherst]

89-005624 Camper, Jeffrey D. THE STATUS OF THREE UNCOMMON SALAMANDERS (AMPHIBIA: CAUDATA) IN IOWA. *J. Iowa Acad. Sci.* 95(4):127-130. 1988. WR 213
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Ambystoma texanum, A. laterale,* and *Notophthalmus viridescens louisianensis.*

89-005625 Caramaschi, Ulisses and Geraldo Kisteumacher. A NEW SPECIES OF *ELEUTHERODACTYLUS* (ANURA: LEPTODACTYLIDAE) FROM MINAS GERAIS, SOUTHEASTERN BRAZIL. *Herpetologica* 44(4):423-426. 1988. WR 213
[Dep. Vertebr., Mus. Nac. Rio de Janeiro, Quinta Boa Vista, 20.942, Rio de Janeiro, RJ, Brazil] *E. izecksohni.*

89-005626 Cochran, Philip A. NOTES ON THE ECOLOGY OF THE CENTRAL NEWT (*NOTOPHTHALMUS VIRIDESCENS LOUISIANENSIS*) IN SUBURBAN NORTHEASTERN ILLINOIS. *Trans. Ill. State Acad. Sci.* 81(3-4):261-266. 1988. WR 213
[Div. Nat. Sci., St. Norbert Coll., De Pere, WI 54115

AMPHIBIANS (CONTINUED)

89-005627 Colley, Stewart A.; W. Hubert Keen and Ronald W. Reed. EFFECTS OF ADULT PRESENCE ON BEHAVIOR AND MICROHABITAT USE OF JUVENILES OF A DESMOGNATHINE SALAMANDER. *Copeia* 1989(1):1-7. 1989. WR 213
[Rt. 2, Box 586, Haysi, VA 24256] *Desmognathus monticola* in Virginia.

89-005628 Crump, Martha L. and J. Alan Pounds. TEMPORAL VARIATION IN THE DISPERSION OF A TROPICAL ANURAN. *Copeia* 1989(1):209-211. 1989. WR 213
[Mus. Nat. Hist., Univ. Fla., Gainesville 32611] *Atelopus varius* in Costa Rica.

89-005629 Davis, Mark Stephen. NEIGHBOR RECOGNITION BY SOUND IN THE NORTH AMERICAN BULLFROG, *RANA CATESBEIANA*. *Ph.D. dissertation, Univ. Mo. (Columbia)* 81p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3566. 1989. Order No. DA8826582. WR 213

89-005630 Delfino, Giovanni; Rossana Brizzi and Giorgio Borrelli. ACCESSORY STRUCTURES IN THE GENITAL APPARATUS OF *SALAMANDRINA TERDIGITATA* (AMPHIBIA: SALAMANDRIDAE). III. CYTOCHEMICAL STUDY OF THE MALE ABDOMINAL GLAND USING RUTHENIUM RED STAINING. *Zool. Anz.* 221(1/2):50-61. 1988. WR 213
[Dip. Biol. Anim. & Genet., Univ. degli Studi Firenze, Florence, Italy]

89-005631 Duellman, William E. and Linda Trueb. TWO NEW TREEFROGS OF THE *HYLA PARVICEPS* GROUP FROM THE AMAZON BASIN IN SOUTHERN PERU. *Herpetologica* 45(1):1-10. 1989. In English with Spanish summ. WR 213
[Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045-2454] *Hyla allenorum* and *H. koechlini*.

89-005632 Dupont, H.; C. Cayrol and P. Deparis. HORMONAL INFLUENCES ON THE MIDDLE-AFFINITY ESTROGEN-BINDING SITES IN THE LIVER OF THE NEWT *PLEURODELES WALTL*. *Gen. Comp. Endocrinol.* 73(2):217-222. 1989. WR 213
[Cent. Biol. Dev. (CNRS UA 675), Univ. Paul Sabatier, 31062 Toulouse, France]

89-005633 Dyer, William G. *FALCAUSTRA CATESBEIANAE* WALTON, 1929 (NEMATODA: KATHLANIIDAE) IN THE SMALLMOUTH SALAMANDER, *AMBYSTOMA TEXANUM* (MATTHES, 1855) (CAUDATA: AMBYSTOMATIDAE) FROM ILLINOIS. *Trans. Ill. State Acad. Sci.* 81(3-4):267-270. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901]

89-005634 Dyer, William G. *MEGALOBATRACHONEMA (CHABAUDGOLVANIA) ELONGATA* (BAIRD, 1858) BAKER, 1986 (NEMATODA: KATHLANIIDAE) IN *AMBYSTOMA ANDERSONI* KREBS AND BRANDON, 1984 FROM ZACAPU, MICHOACAN, MEXICO. *Trans. Ill. State Acad. Sci.* 81(3-4):275-278. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901]

89-005635 Dyer, William G. *HEDRURIS SIREDONIS* BAIRD, 1858 (NEMATODA: HABRONEMATOIDEA) FROM *AMBYSTOMA* SP. (AMPHIBIA: AMBYSTOMATIDAE) OF LAGUNA QUECHOLAC, PUEBLA, MEXICO. *Trans. Ill. State Acad. Sci.* 81(3-4):271-274. 1988. WR 213
[Dep. Zool., South. Ill. Univ., Carbondale 62901]

89-005636 Fachbach, Gunter. [THE DEVELOPMENT OF TUBULAR BONES AND THE AGE ANALYSIS OF *SALAMANDRA ATRA* LAUR., 1768 (URODELA, SALAMANDRIDAE).] *Zool. Anz.* 221(3/4):188-200. 1988. In German with English summ. WR 213

AMPHIBIANS (CONTINUED)

89-005636 CONTINUED
[Inst. Zool., Abteilung Entwicklungsbiol. & Histol., Karl-Franzens-Univ. Graz, Universitatsplatz 2, A-8010 Graz, Austria]

89-005637 Fog, Kare. AN INVESTIGATION OF ALL PONDS WITH *HYLA ARBOREA* ON THE ISLAND OF ALS, DK. II. STATISTICAL TREATMENT OF RESULTS. *Mem. Soc. Fauna Flora Fenn.* 64(3):122-123. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark]

89-005638 Fog, Kare. POND RESTORATIONS ON BORNHOLM. *Mem. Soc. Fauna Flora Fenn.* 64(3):143-145. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark] *Hyla arborea* in Denmark.

89-005639 Fog, Kare. THE CAUSES OF THE DECLINE OF *HYLA ARBOREA* ON BORNHOLM. *Mem. Soc. Fauna Flora Fenn.* 64(3):136-138. 1988. WR 213
[Lojesovej 15, DK-3670 Vekso, Denmark]

89-005640 Formas, J. Ramon. THE TADPOLE OF *TELMATOBUFO BULLOCKI* (ANURA: LEPTODACTYLIDAE). *Herpetologica* 44(4):458-460. 1988. WR 213
[Inst. Zool., Univ. Austral Chile, Casilla 567, Valdivia, Chile]

89-005641 Geiser, Fritz and Roger S. Seymour. INFLUENCE OF TEMPERATURE AND WATER POTENTIAL ON SURVIVAL OF HATCHED, TERRESTRIAL LARVAE OF THE FROG *PSEUDOPHRYNE BIBRONII*. *Copeia* 1989(1):207-209. 1989. WR 213
[Dep. Zool., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-005642 Guyetant, Robert; Sylvain Brosse; Jean-Pierre Herold and Hugues Pinston. [STUDY OF THE GROWTH AND DEVELOPMENT OF BROWN FROGS *RANA TEMPORARIA* L. IN ALTITUDE (NORTHERN ALPS).] *C.R. Seances Soc. Biol. Fil.* 182(3):301-307. 1988. In French with English summ. WR 213
[Dep. Biol. Comp. & Ecol., Univ. Franche-Comte, La Bouloie, 25030 Besancon Cedex, France]

89-005643 Hansen, Lars. AN INVESTIGATION OF ALL PONDS WITH *HYLA ARBOREA* ON THE ISLAND OF ALS, DENMARK. I. FIELD STUDIES. *Mem. Soc. Fauna Flora Fenn.* 64(3):119-121. 1988. WR 213
[Fruerlundsvej 5, 5750 Ringe, Denmark]

89-005644 Harris, Reid N. ONTOGENETIC CHANGES IN SIZE AND SHAPE OF THE FACULTATIVELY PAEDOMORPHIC SALAMANDER *NOTOPHTHALMUS VIRIDESCENS DORSALIS*. *Copeia* 1989(1):35-42. 1989. WR 213
[Dep. Biol., James Madison Univ., Harrisonburg, VA 22807]

89-005645 Hedges, Stephen Blair. EVOLUTION AND BIOGEOGRAPHY OF WEST INDIAN FROGS OF THE GENUS *ELEUTHERODACTYLUS*: SLOW-EVOLVING LOCI AND THE MAJOR GROUPS. *Ph.D. dissertation, Univ. Md. (College Park)* 149p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3049. 1989. Order No. DA8818402. WR 213

89-005646 Hoglund, Jacob and Jeremy G. M. Robertson. CHORUSING BEHAVIOUR, A DENSITY-DEPENDENT ALTERNATIVE MATING STRATEGY IN MALE COMMON TOADS (*BUFO BUFO*). *Ethology* 79(4):324-332. 1988. WR 213
[Dep. Zool., Uppsala Univ., Box 561, S-751 22 Uppsala, Sweden]

AMPHIBIANS (CONTINUED)

89-005647 Holomuzki, Joseph R. PREDATION RISK AND MACROALGA USE BY THE STREAM-DWELLING SALAMANDER *AMBYSTOMA TEXANUM*. *Copeia* 1989(1):22-28. 1989. WR 213
[Dep. Nat. Sci. & Math., Transylvania Univ., Lexington, KY 40508]

89-005648 Howard, Richard D. SEXUAL SELECTION ON MALE BODY SIZE AND MATING BEHAVIOUR IN AMERICAN TOADS, *BUFO AMERICANUS*. *Anim. Behav.* 36(6):1796-1808. 1988. WR 213
[Dep. Biol. Sci., Purdue Univ., West Lafayette, IN 47907]

89-005649 Humphries, R. B. THE STRUCTURE OF A TEMPERATE FROG COMMUNITY. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 159. 1981. Abstract only. WR 213
[Cent. Resour. Environ. Studies, Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

89-005650 John-Alder, Henry B.; Peter J. Morin and Sharon Lawler. THERMAL PHYSIOLOGY, PHENOLOGY, AND DISTRIBUTION OF TREE FROGS. *Am. Nat.* 132(4):506-520. 1988. WR 213
[Dep. Biol. Sci., Rutgers Univ., Nelson Biol. Lab., P.O. Box 1059, Piscataway, NJ 08855]

89-005651 John-Alder, Henry B.; M. Christopher Barnhart and Albert F. Bennett. THERMAL SENSITIVITY OF SWIMMING PERFORMANCE AND MUSCLE CONTRACTION IN NORTHERN AND SOUTHERN POPULATIONS OF TREE FROGS (*HYLA CRUCIFER*). *J. Exp. Biol.* 142:357-372. 1989. WR 213
[Rutgers Univ., Dep. Biol. Sci., Nelson Biol. Lab., Piscataway, NJ 08855-1059]

89-005652 Jorgensen, C. Barker. ENDOGENOUS CONTROL OF SEASONAL MATURATION IN FEMALE TOADS, *BUFO BUFO*. *Mem. Soc. Fauna Flora Fenn.* 64(3):152-154. 1988. WR 213
[Zoofysiol. Lab., Aug. Krogh Inst., Universitetsparken 13, DK-2100 Copenhagen OE, Denmark]

89-005653 Jorgensen, C. Barker. PATTERN OF GROWTH AND FATTENING IN YOUNG TOADS, *BUFO BUFO*, FED MEALWORMS: EFFECTS OF GROWTH HORMONE AND FEEDING REGIMEN. *Copeia* 1989(1):124-128. 1989. WR 213
[Zoophysiol. Lab., August Krogh Inst., Universitetsparken 13, DK-2100 Copenhagen 0, Denmark]

89-005654 King, Max. A CYTOTAXONOMIC ANALYSIS OF AUSTRALIAN HYLID FROGS OF THE GENUS *LITORIA*. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 169-175. 1981. WR 213
[Dep. Popul. Biol., Res. School Biol. Sci., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

89-005655 Kraus, Fred and James W. Petranka. A NEW SIBLING SPECIES OF *AMBYSTOMA* FROM THE OHIO RIVER DRAINAGE. *Copeia* 1989(1):94-110. 1989. WR 213
[Mus. Nat. Hist., Univ. Fla., Gainesville 32611]

89-005656 Larson, Allan and Allan C. Wilson. PATTERNS OF RIBOSOMAL RNA EVOLUTION IN SALAMANDERS. *Mol. Biol. Evol.* 6(2):131-154. 1989. WR 213
[Dep. Biol., Washington Univ., St. Louis, MO 63130]

AMPHIBIANS (CONTINUED)

89-005657 Layne, Jack R., Jr. and Richard E. Lee, Jr. SEASONAL VARIATION IN FREEZE TOLERANCE AND ICE CONTENT OF THE TREE FROG *HYLA VERSICOLOR*. *J. Exp. Zool.* 249(2):133-137. 1989. WR 213
[Lee: Dep. Zool., Miami Univ., 1601 Peck Blvd., Hamilton, OH 45011]

89-005658 Layne, Jack R., Jr.; Michael A. Romano and Sheldon I. Guttman. RESPONSES TO DESICCATION OF THE TREEFROGS *HYLA CINEREA* AND *H. GRATIOSA* AND THEIR NATURAL HYBRIDS. *Am. Midl. Nat.* 121(1):61-67. 1989. WR 213
[Dep. Biol., Nazareth Coll., 4245 East Ave., Rochester, NY 14610]

89-005659 Littlejohn, M. J. and P. A. Harrison. ACOUSTIC COMMUNICATION IN *GEOCRINIA VICTORIANA* (ANURA: LEPTODACTYLIDAE). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 6. 1981. Abstract only. WR 213
[Dep. Zool., Univ. Melbourne, Parkville, Vic. 3052, Australia]

89-005660 Loman, Jon. BREEDING BY *RANA TEMPORARIA*; THE IMPORTANCE OF POND SIZE AND ISOLATION. *Mem. Soc. Fauna Flora Fenn.* 64(3):112-115. 1988. WR 213
[Inst. Ecol., Univ. Lund, S-223 62 Lund, Sweden]

89-005661 Lopez, Kristin. SEX DIFFERENTIATION AND EARLY GONADAL DEVELOPMENT IN *BOMBINA ORIENTALIS* (ANURA: DISCOGLOSSIDAE). *J. Morphol.* 199(3):299-311. 1989. WR 213
[DEPOB, Univ. Colo., Boudler 80309]

89-005662 Lyapkov, S. M. [SURVIVAL RATE IN YOUNG OF THE YEAR OF BROWN FROGS (*RANA TEMPORARIA* AND *R. ARVALIS*) AT THE BEGINNING OF THEIR TERRESTRIAL LIFE.] *Zool. Zh.* 67(10):1519-1529. 1988. In Russian with English summ. WR 213
[Biol. Fac., Moscow State Univ., Moscow, USSR]

89-005663 Mahony, Michael. POLYPLOIDY IN THE AUSTRALIAN LEPTODACTYLID FROG GENUS *NEOBATRACHUS*. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 194. 1981. Abstract only. WR 213
[School Biol. Sci., Macquarie Univ., North Ryde, N.S.W. 2113, Australia]

89-005664 Malvin, Gary M. GILL STRUCTURE AND FUNCTION: AMPHIBIAN LARVAE. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 121-151. 1989. WR 213
[Univ. Wash., School Med., Seattle] *Ambystoma* spp.

89-005665 Means, D. Bruce and Alvan A. Karlin. A NEW SPECIES OF *DESMOGNATHUS* FROM THE EASTERN GULF COASTAL PLAIN. *Herpetologica* 45(1):37-46. 1989. WR 213
[Coastal Plains Inst., 1313 N. Duval St., Tallahassee, FL 32303] *D. apalachicolae*.

89-005666 Meyer-Rochow, V. Benno and Makoto Asashima. NATURALLY OCCURRING MORPHOLOGICAL ABNORMALITIES IN WILD POPULATIONS OF THE JAPANESE NEWT *CYNOPS PYRRHOGASTER* (SALAMANDRIDAE; URODELA; AMPHIBIA). *Zool. Anz.*

AMPHIBIANS (CONTINUED)

89-005666 CONTINUED 221(1/2):70-80. 1988. WR 213
[Dep. Biol. Sci., Univ. Waikato, Hamilton, New Zealand]

89-005667 Moore, Franklin R. and Robert E. Gatten, Jr. LOCOMOTOR PERFORMANCE OF HYDRATED, DEHYDRATED, AND OSMOTICALLY STRESSED ANURAN AMPHIBIANS. *Herpetologica* 45(1):101-110. 1989. WR 213
[Dep. Biol., Univ. N.C., Greensboro 27412] *Rana pipiens, R. clamitans, Bufo marinus,* and *B. americanus.*

89-005668 Mossin, Jens. FERROUS IRON OXIDIZING BACTERIA AS A FOOD ITEM FOR DANISH *BOMBINA BOMBINA* TADPOLES AT KNUDSHOVED ODDE NEAR VORDINGBORG. *Mem. Soc. Fauna Flora Fenn.* 64(3):116-118. 1988. WR 213
[Inst. Cell Biol. & Anat., Universitetsparken 15, DK-2100 Copenhagen, OE, Denmark]

89-005669 Norris, David O.; Harriet B. Austin and Amal S. Hijazi. INDUCTION OF CLOACAL AND DERMAL SKIN GLANDS OF TIGER SALAMANDER LARVAE, (*AMBYSTOMA TIGRINUM*): EFFECTS OF TESTOSTERONE AND PROLACTIN. *Gen. Comp. Endocrinol.* 73(2):194-204. 1989. WR 213
[DEPOB, Univ. Colo., Boulder 80309-0334]

89-005670 Nunes, Vania da Silva. FEEDING ASYMMETRY AFFECTS TERRITORIAL DISPUTES BETWEEN MALES OF *PLETHODON CINEREUS. Herpetologica* 44(4):386-391. 1988. WR 213
[Dep. Biol., Univ. Southwest. La., Lafayette 70504]

89-005671 Ovaska, Kristiina. SPACING AND MOVEMENTS OF THE SALAMANDER *PLETHODON VEHICULUM. Herpetologica* 44(4):377-386. 1988. WR 213
[Dep. Biol., Univ. Victoria, Victoria, BC, Canada V8W 2Y2]

89-005672 Patterson, Jeremy W. and Athol J. McLachlan. LARVAL HABITAT DURATION AND SIZE AT METAMORPHOSIS IN FROGS. *Hydrobiologia* 171(2):121-126. 1989. WR 213
[Dep. Biol., Chancellor Coll., Univ. Malawi, P.O. Box 280, Zomba, Malawi] Data for 12 species of frogs in Malawi.

89-005673 Pfingsten, Ralph A. THE STATUS AND DISTRIBUTION OF THE HELLBENDER, *CRYPTOBRANCHUS ALLEGANIENSIS*, IN OHIO. *Ohio J. Sci.* 89(2):3. 1989. Abstract only. WR 213
[347 Pineview Cir., Berea, OH 44017]

89-005674 Phillips, C. A. and O. J. Sexton. ORIENTATION AND SEXUAL DIFFERENCES DURING BREEDING MIGRATIONS OF THE SPOTTED SALAMANDER, *AMBYSTOMA MACULATUM. Copeia* 1989(1):17-22. 1989. WR 213
[Dep. Biol., Washington Univ., St. Louis, MO 63130]

89-005675 Reilly, S. M. and G. V. Lauder. PHYSIOLOGICAL BASES OF FEEDING BEHAVIOUR IN SALAMANDERS: DO MOTOR PATTERNS VARY WITH PREY TYPE? *J. Exp. Biol.* 141:343-358. 1989. WR 213
[School Biol. Sci., Univ. Calif., Irvine 92717] *Ambystoma mexicanum.*

AMPHIBIANS (CONTINUED)

89-005676 Reilly, Stephen M. and George V. Lauder. KINETICS OF TONGUE PROJECTION IN *AMBYSTOMA TIGRINUM*: QUANTITATIVE KINEMATICS, MUSCLE FUNCTION, AND EVOLUTIONARY HYPOTHESES. *J. Morphol*. 199(2):223-243. 1989. WR 213
[Dep. Dev. & Cell Biol., Univ. Calif., Irvine 92717]

89-005677 Riis, Niels. THE PRESENT DISTRIBUTION OF *RANA DALMATINA* AND *RANA TEMPORARIA* IN SOUTHERN SCANDINAVIA EXPLAINED BY A THEORY OF COMPETITIVE EXCLUSION. *Mem. Soc. Fauna Flora Fenn*. 64(3):104-106. 1988. WR 213
[Danish Land Dev. Serv., Munkehatten 9, DK-5230 Odense, Denmark]

89-005678 Robertson, Jeremy G. M. SEXUAL SELECTION AND SPACING IN *UPEROLEIA RUGOSA* (RED-GROINED TOADLET) (AUNRA: LEPTODACTYLIDAE). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 4-5. 1981. WR 213
[Zool. Dep., Australian Natl. Univ., Canberra, A.C.T. 2600, Australia]

89-005679 Roudebush, Roger E. A BEHAVIORAL ASSAY FOR ACID SENSITIVITY IN TWO DESMOGNATHINE SPECIES OF SALAMANDERS. *Herpetologica* 44(4):392-395. 1988. WR 213
[Dep. Biol., Univ. Southwest. La., Lafayette 70504] *Desmognathus quadramaculatus* and *D. monticola* in North Carolina.

89-005680 Ruben, Laurens N.; Richard H. Clothier; John D. Horton and Michael Balls. AMPHIBIAN METAMORPHOSIS: AN IMMUNOLOGIC OPPORTUNITY! *BioEssays* 10(1):8-12. 1989. WR 213
[Dep. Biol., Reed Coll., Portland, OR 97202] *Xenopus laevis*.

89-005681 Ryan, Michael J. and Brian K. Sullivan. TRANSMISSION EFFECTS ON TEMPORAL STRUCTURE IN THE ADVERTISEMENT CALLS OF TWO TOADS, *BUFO WOODHOUSII* AND *BUFO VALLICEPS*. *Ethology* 80(1-4):182-189. 1989. WR 213
[Dep. Zool., Univ. Tex., Austin 78712]

89-005682 Ryser, Jan. DETERMINATION OF GROWTH AND MATURATION IN THE COMMON FROG, *RANA TEMPORARIA*, BY SKELETOCHRONOLOGY. *J. Zool. (Lond.)* 216(4):673-685. 1988. WR 213
[Zool. Inst. Univ., Baltzerstr. 3, 3012 Bern, Switzerland]

89-005683 Sarig, G. and A. Gasith. FEEDING HABIT OF THE SYRIAN SPADEFOOT TOAD (*PELOBATES SYRIACUS SYRIACUS*) IN A SHORT PERIOD OF ACTIVITY. *Isr. J. Zool*. 35(1-2):97-98. 1988/89. Abstract only. WR 213
[Inst. Nat. Conserv. Res., George S. Wise Fac. Life Sci., Tel Aviv Univ., 69978 Ramat Aviv, Israel]

89-005684 Schmuck, R.; F. Kobelt and K. E. Linsenmair. ADAPTATIONS OF THE REED FROG *HYPEROLIUS VIRIDIFLAVUS* (AMPHIBIA, ANURA, HYPEROLIIDAE) TO ITS ARID ENVIRONMENT. V. IRIDOPHORES AND NITROGEN METABOLISM. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol*. 158(5):537-546. 1988. WR 213
[Zool. Inst. III, Rontgenring 10, D-8700 Wurzburg, West Germany]

AMPHIBIANS (CONTINUED)

89-005685 Shpun, S. and U. Katz. UREA TRANSPORT ACROSS THE ISOLATED URINARY BLADDER OF THE GREEN TOAD *BUFO VIRIDIS*: ADAPTATION TO NaCl SOLUTIONS. *Isr. J. Zool.* 35(1-2):104. 1988/89. Abstract only. WR 213
[Dep. Biol., Techion-Israel Inst. Technol., 32000 Haifa, Israel]

89-005686 Sinsch, Ulrich. TEMPORAL SPACING OF BREEDING ACTIVITY IN THE NATTERJACK TOAD, *BUFO CALAMITA*. *Oecologia (Berl.)* 76(3):399-407. 1988. WR 213
[Zool. Inst., Univ. Bonn, Poppelsdorfer Schloss, D-5300 Bonn, West Germany]

89-005687 Sinsch, Ulrich. SEASONAL CHANGES IN THE MIGRATORY BEHAVIOUR OF THE TOAD *BUFO BUFO*: DIRECTION AND MAGNITUDE OF MOVEMENTS. *Oecologia (Berl.)* 76(3):390-398. 1988. WR 213
[Zool. Inst., Univ. Bonn, Poppelsdorfer Schloss, D-5300 Bonn, West Germany]

89-005688 Skriver, Peter. A POND RESTORATION PROJECT AND A TREE-FROG (*HYLA ARBOREA*) PROJECT IN THE MUNICIPALITY OF AARHUS. *Mem. Soc. Fauna Flora Fenn.* 64(3):146-147. 1988. WR 213
[Park- og Kirkegaards-forvaltningen, Aarhus, Denmark]

89-005689 Strate, Robert Henry. A STUDY OF METACHROSIS IN CRICKET FROGS, *ACRIS CREPITANS*, FROM JOHNSON COUNTY, MISSOURI. *M.S. thesis, Cent. Mo. State Univ.* 43p. 1987. From Masters Abstr. Int. 26(4):399. 1988. Order No. MA1332261. WR 213

89-005690 Stromberg, Gunnar. A STUDY OF THE JUMPING FROG (*RANA DALMATINA*) IN BLEKINGE, SWEDEN, 1982-1988. *Mem. Soc. Fauna Flora Fenn.* 64(3):107-109. 1988. WR 213
[Wachtmeisterg. 24, S-371 36 Karlskrona, Sweden]

89-005691 Stromberg, Gunnar and Fredrik Schlyter. HYBRIDIZING POPULATIONS OF NATTERJACKS (*BUFO CALAMITA*) AND GREEN TOADS (*B. VIRIDIS*) ON THE ISLAND OF UTKLIPPAN, SWEDEN: REPORT FROM AN ONGOING STUDY. *Mem. Soc. Fauna Flora Fenn.* 64(3):110-111. 1988. WR 213
[Wachtmeisterg. 24, S-371 36 Karlskrona, Sweden]

89-005692 Surova, G. S. and A. S. Severtsov. [THE INFLUENCE OF PREDATORS ON BROWN FROG LARVAE IN THE EXPERIMENT.] *Zool. Zh.* 67(10):1509-1518. 1988. In Russian with English summ. WR 213
[Biol. Fac., Moscow State Univ., Moscow, USSR] *Rana temporaria* and *R. arvalis*.

89-005693 Tejedo, Miguel. FIGHTING FOR FEMALES IN THE TOAD *BUFO CALAMITA* IS AFFECTED BY THE OPERATIONAL SEX RATIO. *Anim. Behav.* 36(6):1765-1769. 1988. WR 213
[Catedra Biol. & Etol., Fac. Vet., Univ. Extremadura, 10071 Caceres, Spain]

89-005694 Terhivuo, Juhani. SPAWNING OF THE COMMON FROG (*RANA TEMPORARIA*) IN FINLAND DURING 1846-1986. *Mem. Soc. Fauna Flora Fenn.* 64(3):155-157. 1988. WR 213
[Zool. Mus., P. Rautatiek. 13, SF-00100 Helsinki, Finland]

89-005695 Titus, Tom A.; David M. Hillis and William E. Duellam. COLOR POLYMORPHISM IN NEOTROPICAL TREEFROGS: AN ALLOZYMIC INVESTIGATION OF THE TAXONOMIC STATUS OF *HYLA FAVOSA* COPE. *Herpetologica* 45(1):17-23.

AMPHIBIANS (CONTINUED)

89-005695 CONTINUED 1989. In English with Spanish summ. WR 213
[Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045-2454] *H. leucophyllata* in Peru.

89-005696 Tyler, M. J.; M. Davies and A. A. Martin. FROGS OF THE KIMBERLEYS. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 1-2. 1981. WR 213
[Dep. Zool., Univ. Adelaide, Adelaide, S.A. 5001, Australia]

89-005697 Valdes, Alberto. SYSTEMATIC COMMENTS ON *PELTOPHRYNE PELTOCEPHALA* (ANURA: BUFONIDAE) IN THE CUBAN ARCHIPELAGO. *Caribb. J. Sci.* 24(1-2):39-43. 1988. In English with Spanish summ. WR 213
[921 S.W. 7th St., Apt. 6, Miami, FL 33130]

89-005698 Verrell, Paul A. AN EXPERIMENTAL STUDY OF THE BEHAVIORAL BASIS OF SEXUAL ISOLATION BETWEEN TWO SYMPATRIC PLETHODONTID SALAMANDERS, *DESMOGNATHUS IMITATOR* AND *D. OCHROPHAEUS*. *Ethology* 80(1-4):274-282. 1989. WR 213
[Dep. Ecol. & Evol., Univ. Chicago, 940 E. 57th St., Chicago, IL 60637]

89-005699 Wederkinch, Erich. POPULATION SIZE, MIGRATION BARRIERS, AND OTHER FEATURES OF *RANA DALMATINA* POPULATIONS NEAR KOGE, ZEALAND, DENMARK. *Mem. Soc. Fauna Flora Fenn.* 64(3):101-103. 1988. WR 213
[Kollevej 5, DK-4540 Farevejle, Denmark]

89-005700 Wilkinson, Mark. ON THE STATUS OF *NECTOCAECILIA FASCIATA* TAYLOR, WITH A DISCUSSION OF THE PHYLOGENY OF THE TYPHLONECTIDAE (AMPHIBIA: GYMNOPHIONA). *Herpetologica* 45(1):23-36. 1989. WR 213
[Mus. Zool. & Dep. Biol., Univ. Mich., Ann Arbor 48109]

89-005701 Wilson, Larry David and James R. McCranie. A NEW SPECIES OF *PTYCHOHYLA* OF THE *EUTHYSANOTA* GROUP FROM HONDURAS, WITH COMMENTS ON THE STATUS OF THE GENUS *PTYCHOHYLA* TAYLOR (ANURA: HYLIDAE). *Herpetologica* 45(1):10-17. 1989. WR 213
[Dep. Biol., Miami-Dade Comm. Coll., Miami, FL 33176] *Ptychohyla merazi*.

89-005702 Woolbright, Lawrence L. SEXUAL DIMORPHISM IN *ELEUTHERODACTYLUS COQUI*: SELECTION PRESSURES AND GROWTH RATES. *Herpetologica* 45(1):68-74. 1989. WR 213
[Biol. Dep., Siena Coll., Loudonville, NY 12211]

89-005703 Wu Zhongqing. [RELATIONS BETWEEN NUCLEAR AND CYTOPLASM IN THE DEVELOPMENT OF GYNOGENETIC HAPLOID OF *RANA LIMNOCHARIS*.] *Zool. Res.* 9(4):335-342. 1988. In Chinese with English summ. WR 213
[Dep. Aquacult., Xiamen Fish. Coll., China]

89-005704 Zweifel, Richard G. IDENTITY OF A SUPPOSED SOUTH AMERICAN MICROHYLID FROG, *CTENOPHRYNE MARMORATA*. *Copeia* 1989(1):229-231. 1989. WR 213
[Am. Mus. Nat. Hist., New York, NY 10024]

REPTILES

89-005705 Abts, Marvin L. REPRODUCTION IN THE SAXICOLOUS DESERT LIZARD, *SAUROMALUS OBESUS*: THE MALE REPRODUCTIVE CYCLE. *Herpetologica* 44(4):404-415. 1988. WR 213
[Dep. Nat. Sci., Shasta Coll., Redding, CA 96099]

REPTILES (CONTINUED)

89-005706 Al-Johany, Awadh M. H. and Ian F. Spellerberg. HOME RANGE AND VAGILITY OF THE LIZARDS *ACANTHODACTYLUS SCHMIDTI* AND *ACANTHODACTYLUS BOSKIANUS* IN SAUDI ARABIA. *J. Arid Environ.* 16(1):79-86. 1989. WR 213
[Dep. Zool., Coll. Sci., King Saud Univ., P.O. Box 2455, Riyadh, Saudi Arabia]

89-005707 Alderton, David. TURTLES & TORTOISES OF THE WORLD. *Facts on File, Inc.* 191p. 1988. Available at $22.95 (cloth) from Facts on File, Inc., 460 Park Ave. S., New York, NY 10016. WR 213

89-005708 Alexander, Guillermo; John Grothusen; Hector Zepeda and Robert J. Schwartzman. GYROXIN, A TOXIN FROM THE VENOM OF *CROTALUS DURISSUS TERRIFICUS*, IS A THROMBIN-LIKE ENZYME. *Toxicon* 26(10):953-960. 1988. WR 213
[Dep. Neurol., Jefferson Med. Coll., 1025 Walnut St., Philadelphia, PA 19107]

89-005709 Andrews, Robin M. DEMOGRAPHIC CORRELATES OF VARIABLE EGG SURVIVAL FOR A TROPICAL LIZARD. *Oecologia (Berl.)* 76(3):376-382. 1988. WR 213
[Dep. Biol., Sect. Ecol., VPI&SU, Blacksburg, VA 24061] *Anolis limifrons* in Panama.

89-005710 Andrews, Robin M. PATTERNS OF GROWTH IN REPTILES. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors.* 13:273-320. 1982. WR 213
[Dep. Biol., VPI&SU, Blacksburg, VA 24061]

89-005711 Astheimer, Lee B. EGG FORMATION IN CROCODILES: AVIAN AFFINITIES IN YOLK DEPOSITION. *Copeia* 1989(1):221-224. 1989. WR 213
[Dep. Zool., Univ. Wash., Seattle 98195] *Crocodylus johnstoni* and *C. porosus*.

89-005712 Balment, R. J. and J. P. Loveridge. ENDOCRINE AND OSMOREGULATORY MECHANISMS IN THE NILE CROCODILE, *CROCODYLUS NILOTICUS*. *Gen. Comp. Endocrinol.* 73(3):361-367. 1989. WR 213
[Dep. Physiol. Sci., Univ. Manchester, Manchester M13 9PT, England]

89-005713 Bennett, Albert F. THE ENERGETICS OF REPTILIAN ACTIVITY. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors.* 13:155-199. 1982. WR 213
[School Biol. Sci., Univ. Calif., Irvine 92664]

89-005714 Bock, Brian C. NESTING SEASON MOVEMENTS OF FEMALE GREEN IGUANAS (*IGUANA IGUANA*) IN PANAMA. *Copeia* 1989(1):214-216. 1989. WR 213
[Dep. Psychol., Univ. Tenn., Knoxville 37996]

89-005715 Bourne, A. R. PROGESTERONE-LIKE ACTIVITY IN THE PLASMA OF THE VIVIPAROUS SKINK *TRACHYDOSAURUS RUGOSUS* (STUMP-TAILED LIZARD). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 14-16. 1981. WR 213
[Div. Biol. Sci., Deakin Univ., Vic. 3217, Australia]

REPTILES (CONTINUED)

89-005716 Bouskila, A. USE OF THE TAIL IN BLOCKING THE BURROW: A NEW EXPLANATION FOR THE LOW FREQUENCY OF TAIL LOSS IN TWO DESERT GECKOS. *Isr. J. Zool*. 35(1-2):100-101. 1988/89. Abstract only. WR 213
[Dep. Zool., Hebrew Univ. Jerusalem, 91904 Jerusalem, Israel] *Stenodactylus doriae* and *S. petrii* in Israel.

89-005717 Bowen, Brian W.; Anne B. Meylan and John C. Avise. AN ODYSSEY OF THE GREEN SEA TURTLE: ASCENSION ISLAND REVISITED. *Proc. Natl. Acad. Sci. U.S.A.* 86(2):573-576. 1989. WR 213
[Dep. Genet., Univ. Ga., Athens 30602] *Chelonia mydas*.

89-005718 Branch, Bill. THE SMALL ADDERS OF THE EASTERN CAPE: TAXONOMIC AND DISTRIBUTIONAL ENIGMAS. *Naturalist (S. Afr.)* 32(3):39-41. 1988. WR 213
[Port Elizabeth Mus., Port Elizabeth 6001, South Africa] *Bitis atropos*, *B. cornuta albanica*, and *B. caudalis* in South Africa.

89-005719 Brown, Susan G. and Toni Jean Y. Sakai. SOCIAL EXPERIENCE AND EGG DEVELOPMENT IN THE PARTHENOGENIC GECKO, *LEPIDODACTYLUS LUGUBRIS*. *Ethology* 79(4):317-323. 1988. WR 213
[Social Sci. Div., Univ. Hawaii, Hilo 96720-4091]

89-005720 Bull, C. M. and R. Satrawaha. DISPERSAL AND SOCIAL ORGANISATION IN *TRACHYDOSAURUS RUGOSUS*. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 24. 1981. Abstract only. WR 213
[School Biol. Sci., Flinders Univ., Bedford Park, S.A. 5042, Australia]

89-005721 Burger, Joanna and R. T. Zappalorti. EFFECTS OF INCUBATION TEMPERATURE ON SEX RATIOS IN PINE SNAKES: DIFFERENTIAL VULNERABILITY OF MALES AND FEMALES. *Am. Nat.* 132(4):492-505. 1988. WR 213
[Dep. Biol. Sci. & Grad. Program Ecol., Rutgers Univ., Piscataway, NJ 08855] *Pituophis melanoleucus*.

89-005722 Burghardt, Gordon M. and Harry W. Greene. PREDATOR SIMULATION AND DURATION OF DEATH FEIGNING IN NEONATE HOGNOSE SNAKES. *Anim. Behav.* 36(6):1842-1843. 1988. WR 213
[Dep. Psychol. & Zool., Grad. Program Ethol., Univ. Tenn., Knoxville 37996] *Heterodon platirhinos*.

89-005723 Burton, John D. REPTILE DISEASES AND THEIR CONTROL. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 108-110. 1981. WR 213
[Carlton Vet. Clinic, 282 Rathdowne St., North Carlton, Vic. 3054, Australia]

89-005724 Buskirk, James R. A THIRD SPECIMEN AND NEOTYPE OF *HEOSEMYS LEYTENSIS* (CHELONIA: EMYDIDAE). *Copeia* 1989(1):224-227. 1989. WR 213
[La Clinica de la Raza, 1515 Fruitvale Ave., Oakland, CA 94601]

89-005725 Campbell, Jonathan A. and Edmund D. Brodie, Jr. A NEW COLUBRID SNAKE OF THE GENUS *ADELPHICOS* FROM GUATEMALA. *Herpetologica* 44(4):416-422. 1988. WR 213
[Dep. Biol., Univ. Tex., Arlington 76019] *A. ibarrorum*.

REPTILES (CONTINUED)

89-005726 Carothers, John Henderson. ASPECTS OF THE ECOLOGY OF LIZARDS OF THE GENUS *LIOLAEMUS* IN THE CENTRAL CHILEAN CORDILLERA. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 161p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(7):2523-2524. 1989. Order No. DA8813813. WR 213
Data for 10 species.

89-005727 Carrier, David Rodgers. LOCOMOTOR-VENTILATORY COUPLING IN LIZARDS AND EARLY TETRAPODS. *Ph.D. dissertation, Univ. Mich.* 150p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(8):3046. 1989. Order No. DA8821555. WR 213
Iguana iguana.

89-005728 Carroll, Robert L. LATE PALEOZOIC AND EARLY MESOZOIC LEPIDOSAUROMORPHS AND THEIR RELATION TO LIZARD ANCESTRY. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 99-118. 1988. WR 213
[Redpath Mus., McGill Univ., 859 Sherbrooke St. W., Montreal, PQ, Canada H3A 2K6]

89-005729 Castro-Herrera, Fernando. NICHE STRUCTURE OF AN ANOLE COMMUNITY IN A TROPICAL RAIN FOREST WITHIN THE CHOCO REGION OF COLOMBIA. *Ph.D. dissertation, Univ. North Tex.* 119p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2038-2039. 1988. Order No. DA8817015. WR 213
Anolis latifrons, A. chocorum, A. macrolepis, A. anchicayae, A. lyra, A. maculiventris, A. chloris, A. biporcatus, A. notopholis, and *A. granuliceps.*

89-005730 Chan, Eng-Heng. WHITE SPOT DEVELOPMENT, INCUBATION AND HATCHING SUCCESS OF LEATHERBACK TURTLE (*DERMOCHELYS CORIACEA*) EGGS FROM RANTAU ABANG, MALAYSIA. *Copeia* 1989(1):42-47. 1989. WR 213
[Fish. & Mar. Sci. Cent., Univ. Pertanian Malaysia, Mengabang Telipot, 20030 Kuala Terengganu, Malaysia]

89-005731 Charland, M. Brent and Patrick T. Gregory. FEEDING RATE AND WEIGHT GAIN IN POSTPARTUM RATTLESNAKES: DO ANIMALS THAT EAT MORE ALWAYS GROW MORE? *Copeia* 1989(1):211-214. 1989. WR 213
[Dep. Biol., Univ. Victoria, P.O. Box 1700, Victoria, BC, Canada V8W 2Y2] *Crotalus viridis.*

89-005732 Chinonavanig, Leera; Peter B. Billings; Pornchai Matangkasombut and Kavi Ratanabanangkoon. ANTIGENIC RELATIONSHIPS AND RELATIVE IMMUNOGENICITIES OF VENOM PROTEINS FROM SIX POISONOUS SNAKES OF THAILAND. *Toxicon* 26(9):883-890. 1988. WR 213
[Ratanabanangkoon: Dep. Microbiol., Fac. Sci., Mahidol Univ., Rama 6 Rd., Bangkok 10400, Thailand] *Vipera russelli, Bungarus fasciatus, Ophiophagus hannah, Naja naja siamensis, Trimeresurus albolabris,* and *Calloselasma rhodostoma.*

89-005733 Chiva, M.; D. Kulak and H. E. Kasinsky. SPERM BASIC PROTEINS IN THE TURTLE *CHRYSEMYS PICTA*: CHARACTERIZATION AND EVOLUTIONARY IMPLICATIONS. *J. Exp. Zool.* 249(3):329-333. 1989. WR 213
[Kasinsky: Dep. Zool., Univ. British Columbia, Vancouver, BC, Canada V6T 2A9]

REPTILES (CONTINUED)

89-005734 Christiansen, J. L. SOME PROBLEMS IN ESTIMATING AGE OF TURTLES BY COUNTS OF PLASTRAL ANNULAE. *Proc. Iowa Acad. Sci.* 94(1):223. 1987. Abstract only. WR 213
[Dep. Biol., Drake Univ., Des Moines, IA 50311]

89-005735 Congdon, Justin D.; Arthur E. Dunham and Donald W. Tinkle. ENERGY BUDGETS AND LIFE HISTORIES OF REPTILES. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors.* 13:233-271. 1982. WR 213
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801]

89-005736 Congdon, Justin D. and Robert E. Gatten, Jr. MOVEMENTS AND ENERGETICS OF NESTING *CHRYSEMYS PICTA*. *Herpetologica* 45(1):94-100. 1989. WR 213
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29802]

89-005737 Cooper, William E., Jr. and Laurie J. Vitt. PREY ODOR DISCRIMINATION BY THE BROAD-HEADED SKINK (*EUMECES LATICEPS*). *J. Exp. Zool.* 249(1):11-16. 1989. WR 213
[Dep. Biol., Auburn Univ., Montgomery, AL 36193]

89-005738 Cooper, William E., Jr.; Susan G. McDowell and Jay Ruffer. STRIKE-INDUCED CHEMOSENSORY SEARCHING IN THE COLUBRID SNAKES *ELAPHE G. GUTTATA* AND *THAMNOPHIS SIRTALIS*. *Ethology* 81(1):19-28. 1989. WR 213
[Dep. Biol., Auburn Univ., Montgomery, AL 36193]

89-005739 Coulter, A. R.; R. D. Harris and S. K. Sutherland. ENZYME IMMUNOASSAY AND RADIOIMMUNOASSAY: THEIR USE IN THE STUDY OF AUSTRALIAN AND EXOTIC SNAKE VENOMS. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 39-43. 1981. WR 213
[Immunol. Res., Commonwealth Serum Lab., Parkville, Vic. 3052, Australia]

89-005740 Covacevich, J.; S. B. McDowell; C. Tanner and Gregory A. Mengden. THE RELATIONSHIP OF THE TAIPAN, *OXYURANUS SCUTELLATUS*, AND THE SMALL-SCALED SNAKE, *OXYURANUS MICROLEPIDOTUS* (SERPENTES: ELAPIDAE). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 160-168. 1981. WR 213
[Queensland Mus., Brisbane, Qld. 4000, Australia]

89-005741 Crawford, Kenneth Mark. OSMOREGULATORY FUNCTION IN SUMMER AND WINTER ACCLIMATIZED PAINTED TURTLES, *CHRYSEMYS PICTA*. *Ph.D. dissertation, Univ. Mich.* 143p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2080. 1988. Order No. DA8812878. WR 213

89-005742 Crother, Brian I. A REDESCRIPTION OF THE HEMIPENIS OF *HYDROMORPHUS CONCOLOR* (COLUBRIDAE) WITH COMMENTS ON ITS TRIBAL ALLOCATION. *Copeia* 1989(1):227-229. 1989. WR 213
[Tex. Memorial Mus., 2400 Trinity St., Austin 78705]

89-005743 Cupo, P.; M. M. Azevedo-Marques and S. E. Hering. CLINICAL AND LABORATORY FEATURES OF SOUTH AMERICAN RATTLESNAKE (*CROTALUS DURISSUS TERRIFICUS*) ENVENOMATION IN CHILDREN. *Trans. R. Soc. Trop. Med. Hyg.* 82(6):924-929. 1988. WR 213
[Dep. Pediatrics, Fac. Med., Univ. Sao Paulo, 14049-Ribeirao Preto, SP, Brazil]

89-005744 Czernay, Siegfried and Gunter Praedicow. [PROPAGATION AND MAINTENANCE OF *TESTUDO SULCATA* AT THE THURINGER ZOO.] *Zool. Gart.* 58(5/6):281-305. 1988. In German. WR 213

REPTILES (CONTINUED)

89-005744 CONTINUED
[Thuringer Zoopark Erfurt, Zum Zoopark 8-10, Erfurt DDR-5063, East Germany]

89-005745 Daimon, T.; Y. Gotoh and K. Uchida. ELECTRON MICROSCOPIC AND CYTOCHEMICAL STUDIES OF THE THROMBOCYTES OF THE TORTOISE *(GEOCLEMYS REEVESII)*. *J. Anat.* 153:185-190. 1987. WR 213
[Dep. Anat., School Med., Kaga 2-11-1, Itabashi-ku, Tokyo 173, Japan]

89-005746 de Chambrier, Alain. [*CREPIDOBOTHRIUM GARZONII* N. SP. (CESTODA: PROTEOCEPHALIDAE), A NEW PARASITE OF *BOTHROPS ALTERNATUS* DUM. BIBR. & DUM., 1854 (SERPENTES: VIPERIDAE) FROM PARAGUAY.] *Rev. Suisse Zool.* 95(4):1163-1170. 1988. In French with English summ. WR 213
[Mus. Hist. Nat., Case Postal 434, CH-1211 Geneva 6, Switzerland]

89-005747 Deeming, D. C. and M. W. J. Ferguson. ENVIRONMENTAL REGULATION OF SEX DETERMINATION IN REPTILES. *Philos. Trans. R. Soc. Lond. B Biol. Sci.* 322(1208):19-39. 1988. WR 213
[Dep. Cell & Struct. Biol., Univ. Manchester, Coupland III Bldg., Manchester M13 9PL, England]

89-005748 Delany, Michael F.; Allan R. Woodward and Irvine H. Kochel. NUISANCE ALLIGATOR FOOD HABITS IN FLORIDA. *Fla. Field Nat.* 16(4):90-96. 1988. WR 213
[Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601] *Alligator mississippiensis.*

89-005749 Dodd, C. Kenneth, Jr.; Kevin M. Enge and James N. Stuart. ASPECTS OF THE BIOLOGY OF THE FLATTENED MUSK TURTLE, *STERNOTHERUS DEPRESSUS*, IN NORTHERN ALABAMA. *Bull. Fla. State Mus. Biol. Sci.* 34(1):1-64. 1988. In English with Spanish summ. Available at $2.75 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 213
[Natl. Ecol. Res. Cent., U.S. Fish & Wildl. Serv., 412 N.E. 16th Ave., Gainesville, FL 32601]

89-005750 Dodd, C. Kenneth, Jr. POPULATION STRUCTURE AND BIOMASS OF *STERNOTHERUS ODORATUS* (TESTUDINES: KINOSTERNIDAE) IN A NORTHERN ALABAMA LAKE. *Brimleyana* No. 15. p. 47-56. 1989. WR 213
[Natl. Ecol. Res. Cent., U.S. Fish & Wildl. Serv., 412 N.E. 16th Ave., Rm. 250, Gainesville, FL 32601]

89-005751 Donnellan, S. C. and K. P. Aplin. RESOLUTION OF CRYPTIC SPECIES IN THE NEW GUINEAN LIZARD, *SPHENOMORPHUS JOBIENSIS* (SCINCIDAE) BY ELECTROPHORESIS. *Copeia* 1989(1):81-88. 1989. WR 213
[Evol. Biol. Unit, South Australian Mus., Adelaide, S.A. 5000, Australia]

89-005752 Dunn, R. W. CAPTIVE REPRODUCTION IN *CROCODYLUS POROSUS* AND *C. JOHNSTONI*. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 104-106. 1981. WR 213
[Royal Melbourne Zoo, Parkville, Vic. 3052, Australia]

REPTILES (CONTINUED)

89-005753 Duvall, David; Louis J. Guillette, Jr. and Richard E. Jones. ENVIRONMENTAL CONTROL OF REPTILIAN REPRODUCTIVE CYCLES. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors*. 13:201-231. 1982. WR 213
[Dep. Zool. & Physiol., Univ. Wyo., Laramie 82071]

89-005754 Ehmann, Harry. THE NATURAL HISTORY AND CONSERVATION OF THE BRONZEBACK (*OPHIDIOCEPHALUS TAENIATUS* LUCAS AND FROST) (LACERTILIA, PYGOPODIDAE). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 7-13. 1981. WR 213
[School Biol. Sci., Sydney Tech. Coll., Broadway, N.S.W. 2007, Australia]

89-005755 Ernst, Carl H.; John L. Miller; Ken R. Marion and William A. Cox. COMPARISONS OF SHELL MORPHOLOGY AMONG TURTLES OF THE *KINOSTERNON MINOR* COMPLEX. *Am. Midl. Nat.* 120(2):282-288. 1988. WR 213
[Dep. Biol., George Mason Univ., Fairfax, VA 22030]

89-005756 Estes, Richard and Gregory Pregill, editors. PHYLOGENETIC RELATIONSHIPS OF THE LIZARD FAMILIES. *Stanford Univ. Press* 631p. 1988. WR 213
[Dep. Biol., San Diego State Univ., San Diego, CA 92182] Selected papers indexed in this issue of *Wildlife Review.*

89-005757 Estes, Richard; Kevin de Queiroz and Jacques Gauthier. PHYLOGENETIC RELATIONSHIPS WITHIN SQUAMATA. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors*. p. 119-281. 1988. WR 213
[Dep. Biol., San Diego State Univ., San Diego, CA 92182]

89-005758 Etheridge, Richard and Kevin de Queiroz. A PHYLOGENY OF IGUANIDAE. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors*. p. 283-367. 1988. WR 213
[Dep. Biol., San Diego State Univ., San Diego, CA 92182]

89-005759 Ford, Neil B. and Richard A. Seigel. RELATIONSHIPS AMONG BODY SIZE, CLUTCH SIZE, AND EGG SIZE IN THREE SPECIES OF OVIPAROUS SNAKES. *Herpetologica* 45(1):75-83. 1989. WR 213
[Dep. Biol., Univ. Tex., Tyler 75701] *Elaphe guttata, Trimeresurus flavoviridis,* and *T. okinavensis.*

89-005760 Formanowicz, Daniel R., Jr.; Edmund D. Brodie, Jr. and Scott C. Wise. FORAGING BEHAVIOR OF MATAMATA TURTLES: THE EFFECTS OF PREY DENSITY AND THE PRESENCE OF A CONSPECIFIC. *Herpetologica* 45(1):61-67. 1989. WR 213
[Dep. Biol., Univ. Tex., Arlington 76019]

89-005761 Furilla, R. A. and D. Barlett, Jr. INTRAPULMONARY RECEPTORS IN THE GARTER SNAKE (*THAMNOPHIS SIRTALIS*). *Respir. Physiol.* 74(3):311-322. 1988. WR 213
[Dep. Physiol., Dartmouth Med. School, Hanover, NH 03756]

89-005762 Gans, Carl and F. Harvey Pough, editors. BIOLOGY OF THE REPTILIA. *Academic Press* 13:343p. 1982. WR 213
[Univ. Mich., Ann Arbor]

REPTILES (CONTINUED)

89-005763 Garnett, S. T. and R. M. Murray. FARM MANAGEMENT AND NUTRITION OF THE GREEN TURTLE (*CHELONIA MYDAS*). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 60-65. 1981. WR 213
[Dep. Trop. Vet. Sci., James Cook Univ., Townsville, Qld. 4810, Australia]

89-005764 Gauthier, Jacques; Richard Estes and Kevin de Queiroz. A PHYLOGENETIC ANALYSIS OF LEPIDOSAUROMORPHA. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 15-98. 1988. WR 213
[Dep. Herpetol., Calif. Acad. Sci., San Francisco 94118]

89-005765 Gillis, J. E. SELECTION FOR SUBSTRATE REFLECTANCE-MATCHING IN TWO POPULATIONS OF RED-CHINNED LIZARDS (*SCELOPORUS UNDULATUS ERYTHROCHEILUS*) FROM COLORADO. *Am. Midl. Nat.* 121(1):197-200. 1989. WR 213
[Dep. Biol. & Microbiol., Univ. Wis., LaCrosse 54601]

89-005766 Gist, Daniel H. and Jeffery M. Jones. SPERM STORAGE WITHIN THE OVIDUCT OF TURTLES. *J. Morphol.* 199(3):379-384. 1989. WR 213
[Dep. Biol. Sci., Univ. Cincinnati, Cincinnati, OH 45221-0006]

89-005767 Glazebrook, J. S. DISEASES OF FARMED SEA TURTLES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 111-119. 1981. WR 213
[Dep. Trop. Vet. Sci., James Cook Univ., Townsville, Qld. 4810, Australia]

89-005768 Grant, Bruce William. THE THERMAL BIOPHYSICAL ECOLOGY OF THE DESERT LIZARD *SCELOPORUS MERRIAMI* STEJNEGER (IGUANIDAE): IMPLICATIONS FOR THE STUDY OF LIFE HISTORY EVOLUTION. *Ph.D. dissertation, Univ. Pa.* 265p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(6):2040. 1988. Order No. DA8816175. WR 213

89-005769 Graur, D.; A. Bdolah; Z. Wollberg and E. Kochva. HOMOLOGY BETWEEN SNAKE VENOM SARAFOTOXINS AND MAMMALIAN ENDOTHELINS. *Isr. J. Zool.* 35(3):171-175. 1988/1989. WR 213
[Dep. Zool., George S. Wise Fac. Life Sci., Tel Aviv Univ., 69978 Tel Aviv, Israel]

89-005770 Graves, Brent M. and Mimi Halpern. CHEMICAL ACCESS TO THE VOMERONASAL ORGANS OF THE LIZARD *CHALCIDES OCELLATUS*. *J. Exp. Zool.* 249(2):150-157. 1989. WR 213
[Dep. Anat. & Cell Biol., SUNY, Health Sci. Cent., Brooklyn, NY 11203]

89-005771 Graves, Brent Michael. FUNCTIONS AND CAUSES OF SELECTED ASPECTS OF BIRTHING ROOKERY USE BY PRAIRIE RATTLESNAKES (*CROTALUS VIRIDIS VIRIDIS*) IN WYOMING. *Ph.D. dissertation, Univ. Wyo.* 280p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(7):2524-2525. 1989. Order No. DA8817683. WR 213

89-005772 Graves, S. R.; P. A. Rawlinson; S. A. Kennelly-Merrit; D. A. McLaren; K. J. Harvey and I. W. B. Thornton. ENTERIC BACTERIA OF REPTILES ON JAVA AND THE KRAKATAU ISLANDS. *Philos. Trans. R. Soc. Lond. B*

REPTILES (CONTINUED)

89-005772 CONTINUED *Biol. Sci.* 322(1211):355-361. 1988. WR 213
[Dep. Microbiol., La Trobe Univ., Bundoora, Vic. 3083, Australia] *Gekko gecko, G. monarchus, Hemidactylus frenatus, Mabuya multifasciata, Chrysopelea paradisi*, and *Varanus salvator*.

89-005773 Gregory, Patrick T. REPTILIAN HIBERNATION. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors.* 13:53-154. 1982. WR 213
[Dep. Biol., Univ. Victoria, Victoria, BC, Canada V8W 2Y2]

89-005774 Grismer, L. Lee. GEOGRAPHIC VARIATION, TAXONOMY, AND BIOGEOGRAPHY OF THE ANGUID GENUS *ELGARIA* (REPTILIA: SQUAMATA) IN BAJA CALIFORNIA, MEXICO. *Herpetologica* 44(4):431-439. 1988. WR 213
[Dep. Biol., San Diego State Univ., San Diego, CA 92182] *E. multicarinata, E. paucicarinata*, and *E. cedrosensis*.

89-005775 Grismer, L. Lee. PHYLOGENY, TAXONOMY, CLASSIFICATION, AND BIOGEOGRAPHY OF EUBLEPHARID GECKOS. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 369-469. 1988. WR 213
[Dep. Herpetol., San Diego Nat. Hist. Mus., P.O. Box 1390, San Diego, CA 92112]

89-005776 Hall, Philip M. VARIATION IN GEOGRAPHIC ISOLATES OF THE NEW GUINEA CROCODILE (*CROCODYLUS NOVAEGUINEAE* SCHMIDT) COMPARED WITH THE SIMILAR, ALLOPATRIC, PHILIPPINE CROCODILE (*C. MINDORENSIS* SCHMIDT). *Copeia* 1989(1):71-80. 1989. WR 213
[Mus. Nat. Hist., Univ. Fla., Gainesville 32611]

89-005777 Hall, Stephen Porter. THE MOVEMENT PATTERNS OF FREE-RANGING ANIMALS: NEW THEORY AND METHODS OF STUDY ILLUSTRATED BY COMPARISONS OF THE ROUTES OF TRAVEL ASSOCIATED WITH RESIDENCY, TRANSIENCY AND EXPERIMENTAL DISPLACEMENT IN A POPULATION OF EASTERN BOX TURTLES *(TERRAPENE C. CAROLINA). Ph.D. dissertation, Univ. N.C. (Chapel Hill)* 619p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(8):3049. 1989. Order No. DA8821472. WR 213

89-005778 Herrington, Robert E. REPRODUCTIVE BIOLOGY OF THE BROWN WATER SNAKE, *NERODIA TAXISPILOTA*, IN CENTRAL GEORGIA. *Brimleyana* No. 15. p. 103-110. 1989. WR 213
[Dep. Biol., Ga. Southwest. Coll., Americus 31709]

89-005779 Hikida, Tsutomu. A NEW SPECIES OF *EUMECES* (LACERTILIA: SCINCIDAE) FROM FUJIAN PROVINCE, CHINA. *Copeia* 1989(1):89-94. 1989. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Sakyo, Kyoto 606, Japan]

89-005780 Hikida, Tsutomu. *EUMECES LIUI*: A NEW SPECIES OF BLUE-TAILED SKINK (LACERTILIA: SCINCIDAE) FROM CHINA. *Copeia* 1989(1):110-114. 1989. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Sakyo, Kyoto 606, Japan]

89-005781 Hillenius, D. THE SKULL OF *CHAMAELEO NASUTUS* ADDS MORE INFORMATION TO THE RELATIONSHIP OF *CHAMAELEO* WITH *RHAMPHOLEON* AND *BROOKESIA* (CHAMAELEONIDAE, REPTILIA). *Bijdr. Dierkd.* 58(1):7-11. 1988. In English with French summ. WR 213
[Inst. Taxon. Zool. (Zool. Mus.), Univ. Amsterdam, P.O. Box 4766, 1009 AT Amsterdam, Netherlands]

REPTILES (CONTINUED)

89-005782 Hutchinson, Mark N. THE SYSTEMATIC RELATIONSHIPS OF THE GENERA *EGERNIA* AND *TILIQUA* (LACERTILIA: SCINCIDAE). A REVIEW AND IMMUNOLOGICAL REASSESSMENT. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 176-193. 1981. WR 213
[Zool. Dep., La Trobe Univ., Bundoora, Vic. 3083, Australia]

89-005783 Iverson, John B. GROWTH IN THE COMMON MAP TURTLE, *GRAPTEMYS GEOGRAPHICA*. *Trans. Kans. Acad. Sci.* 91(3-4):153-157. 1988. WR 213
[Dep. Biol., Earlham Coll., Richmond, IN 47374]

89-005784 Jackson, Dale R. REPRODUCTIVE STRATEGIES OF SYMPATRIC FRESHWATER EMYDID TURTLES IN NORTHERN PENINSULAR FLORIDA. *Bull. Fla. State Mus. Biol. Sci.* 33(3):1-158. 1988. In English with Spanish summ. Available at $2.00 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 213
[Fla. Nat. Areas Inventory, Nat. Conserv., 254 E. Sixth Ave., Tallahassee 32303] *Pseudemys floridana*, *P. nelsoni*, *Trachemys scripta*, and *Deirochelys reticularia*.

89-005785 Jacobson, Elliott R.; Murray P. Brown; Menger Chung; Kent Vliet and Russell Swift. SERUM CONCENTRATION AND DISPOSITION KINETICS OF GENTAMICIN AND AMIKACIN IN JUVENILE AMERICAN ALLIGATORS. *J. Zoo Anim. Med.* 19(4):188-194. 1988. WR 213
[Coll. Vet. Med., Univ. Fla., Gainesville 32610] *Alligator mississippiensis*.

89-005786 Joy, Janet E. and David Crews. MALE MATING SUCCESS IN RED-SIDED GARTER SNAKES: SIZE IS NOT IMPORTANT. *Anim. Behav.* 36(6):1839-1841. 1988. WR 213
[Crews: Inst. Reprod. Biol., Dep. Zool., Univ. Tex., Austin 78712]

89-005787 Khan, M. S. REDISCOVERY AND REDESCRIPTION OF THE HIGHLAND GROUND GECKO, *TENUIDACTYLUS MONTIUMSALSORUM* (ANNANDALE, 1913). *Herpetologica* 45(1):46-54. 1989. WR 213
[Herp Lab., 15/6 Darul Saddar N., Rabwah 35460, Pakistan]

89-005788 King, D. R. THE THERMAL BIOLOGY OF SAND GOANNAS (*VARANUS GOULDII*) IN SOUTHERN AUSTRALIA. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 22-23. 1981. WR 213
[Dep. Zool., Univ. Adelaide, Adelaide, S.A. 5001, Australia]

89-005789 King, Richard B. BODY SIZE VARIATION AMONG ISLAND AND MAINLAND SNAKE POPULATIONS. *Herpetologica* 45(1):84-88. 1989. WR 213
[Biol. Dep., Iniana Univ., Bloomington 47405] *Nerodia sipedon* and *Thamnophis sirtalis*.

89-005790 King, Richard B. POLYMORPHIC POPULATIONS OF THE GARTER SNAKE *THAMNOPHIS SIRTALIS* NEAR LAKE ERIE. *Herpetologica* 44(4):451-458. 1988. WR 213
[Biol. Dep., Indiana Univ., Bloomington 47405]

89-005791 Klaver, Charles and Wolfgang Bohme. SYSTEMATICS OF *BRADYPODION TENUE* (MATSCHIE, 1892) (SAURIA: CHAMAELEONIDAE) WITH A DESCRIPTION OF A NEW SPECIES FROM THE ULUGURU AND UZUNGWE MOUNTAINS, TANZANIA. *Bonn. Zool.*

REPTILES (CONTINUED)

89-005791 CONTINUED *Beitr*. 39(4):381-393. 1988. In English with German summ. WR 213
[Univ. Library, State Univ. Groningen, Postbus 559, NL-9700 AN Groningen, Netherlands]

89-005792 Kuchling, Gerald. ASSESSMENT OF OVARIAN FOLLICLES AND OVIDUCTAL EGGS BY ULTRA-SOUND SCANNING IN LIVE FRESHWATER TURTLES, *CHELODINA OBLONGA*. *Herpetologica* 45(1):89-94. 1989. WR 213
[Dep. Zool., Univ. Western Australia, Nedlands, W.A. 6009, Australia]

89-005793 Kuratani, Shigeru. THE DEVELOPMENT OF THE ORBITAL REGION OF *CARETTA CARETTA* (CHELONIA, REPTILIA). *J. Anat*. 154:187-200. 1987. WR 213
[Dep. Anat., Univ. Ryukyus, 207, Uehara, Nishihara, Okinawa 903-01, Japan]

89-005794 Looareesuwan, Sornchai; Chaisin Viravan and David A. Warrell. FACTORS CONTRIBUTING TO FATAL SNAKE BITE IN THE RURAL TROPICS: ANALYSIS OF 46 CASES IN THAILAND. *Trans. R. Soc. Trop. Med. Hyg*. 82(6):930-934. 1988. WR 213
[Dep. Clin. Trop. Med. & Hospital Trop. Dis., Fac. Trop. Med., Mahidol Univ., Bangkok, Thailand] *Bungarus candidus, B. fasciatus, Naja kaouthia, Vipera russelli*, and *Calloselasma rhodostoma*.

89-005795 Losos, Jonathan B. and Harry W. Greene. ECOLOGICAL AND EVOLUTIONARY IMPLICATIONS OF DIET IN MONITOR LIZARDS. *Biol. J. Linn. Soc*. 35(4):379-407. 1988. WR 213
[Mus. Vertebr. Zool. & Dep. Zool., Univ. Calif., Berkeley 94720] *Varanus* spp.

89-005796 Makris, Vasilis and Albert J. Rotermund, Jr. HIGH ENERGY ORGANOPHOSPHATE LEVELS IN THE MYOCARDIA OF COLD ACCLIMATED AND COLD-HYPOXIC FRESHWATER TURTLES, *CHRYSEMYS PICTA*. *Comp. Biochem. Physiol. A Comp. Physiol*. 92(2):259-262. 1989. WR 213
[Indiana Univ., School Med., MS 164, Indianapolis 46223]

89-005797 Malaret, Luis. EFFECT OF PARIETALECTOMY ON THE ACTIVITY OF *SCELOPORUS UNDULATUS GARMANI* IN SOUTH DAKOTA. *Trans. Kans. Acad. Sci*. 91(3-4):71-82. 1988. WR 213
[Dep. Zool., Univ. Nairobi, P.O. Box 30197, Nairobi, Kenya]

89-005798 McAllister, Chris T. and Steve J. Upton. REDESCRIPTION OF *EIMERIA BOVEROI* (APICOMPLEXA: EIMERIIDAE) FROM *HEMIDACTYLUS MABOUIA* (SAURIA: GEKKONIDAE), AND A NEW HOST RECORD FOR *EIMERIA SCELOPORIS*. *Trans. Am. Microsc. Soc*. 108(1):92-95. 1989. WR 213
[Renal-Metabolic Lab. (151-G), Vet. Admin. Med. Cent., 4500 S. Lancaster Rd., Dallas, TX 75216] *Sceloporus variabilis teapensis*.

89-005799 McCoy, Jerry Jerome. THE REGULATION AND METABOLISM OF GLUCOSE IN THE GREEN ANOLE (*ANOLIS CAROLINENSIS*). *Ph.D. dissertation, Univ. Fla*. 115p. 1987. From Diss. Abstr. Int. B Sci. Eng. 49(8):3049-3050. 1989. Order No. DA8817822. WR 213

89-005800 Medel, R. G.; P. A. Marquet and F. M. Jaksic. MICROHABITAT SHIFTS OF LIZARDS UNDER DIFFERENT CONTEXTS OF SYMPATRY: A CASE STUDY WITH SOUTH AMERICAN *LIOLAEMUS*. *Oecologia (Berl.)* 76(4):567-569. 1988. WR 213
[Dep. Biol. Ambiental, Univ. Catolica, Casilla 114-D, Santiago, Chile] *L. tenuis* and *L. pictus*.

REPTILES (CONTINUED)

89-005801 Mellado, Jesus and Gaspar Olmedo. [WINTER ACTIVITY IN SUBTROPICAL LIZARD POPULATIONS.] *Mediterranea* No. 9. p. 5-13. 1987. In Spanish with English summ. WR 213
[Estac. Exp. Zonas Aridas, Gen. Segura 1, 04001 Almeria, Spain]

89-005802 Mengden, Gregory A. and Carrol C. Platz. ARTIFICIAL INSEMINATION AS AN AID TO CAPTIVE PROPAGATION OF ENDANGERED SPECIES OF REPTILES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 120-123. 1981. WR 213
[Dep. Popul. Biol., Res. School Biol. Sci., Australian Natl. Univ., Canberra, A.C.T. 2601, Australia]

89-005803 Messel, H.; G. C. Vorlicek; A. G. Wells and W. J. Green. THE STATUS AND DYNAMICS OF *CROCODYLUS POROSUS* POPULATIONS IN THE TIDAL WATERWAYS OF NORTHERN AUSTRALIA. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 78-103. 1981. WR 213
[School Physics, Univ. Sydney, Sydney, N.S.W. 2000, Australia]

89-005804 Meylan, Peter A. *PELTOCHELYS* DOLLO AND THE RELATIONSHIPS AMONG THE GENERA OF THE CARETTOCHELYIDAE (TESTUDINES: REPTILIA). *Herpetologica* 44(4):440-450. 1988. WR 213
[Dep. Biol., Univ. S. Fla., Tampa 33620] *P. duchastelli.*

89-005805 Michaels, Scott J. and Robin Sanecki. UNDIFFERENTIATED CARCINOMA IN THE OVARY OF A BOA CONSTRICTOR (*BOA CONSTRICTOR ORTONI*). *J. Zoo Anim. Med.* 19(4):237-240. 1988. WR 213
[Univ. Ill. Coll. Vet. Med., VMIV, 2001 S. Lincoln Ave., Urbana 61801]

89-005806 Miller, J. D. and C. J. Limpus. INCUBATION PERIOD AND SEXUAL DIFFERENTIATION IN THE GREEN TURTLE *CHELONIA MYDAS* L. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 66-73. 1981. WR 213
[Dep. Zool., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-005807 Minton, Sherman A. EVOLUTION AND DISTRIBUTION OF VENOMOUS SNAKES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 55-59. 1981. WR 213
[Indiana Univ. School. Med., Indianapolis 46202]

89-005808 Moore, Don and Jim McLaughlin. SURVEY OF BOID CARE IN AMERICAN ZOOS. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 144-147. 1981. WR 213
[Burnet Park Zoo, Synacuse, NY]

89-005809 Moran, Peter. SUCCESSFUL CAPTIVE BREEDING OF THE OLIVE PYTHON (*LIASIS OLIVACEUS*). *Thylacinus* 13(3):18-21. 1988. WR 213
[Unit 2/7-9 Coral Rd., Mornington, Vic. 3931, Australia]

89-005810 Moulding, Jonathan D. and David A. Nelson. BEACH NOURISHMENT ISSUES RELATED TO SEA TURTLE NESTING. *In: Proceedings of the Symposium on Coastal Water Resources. William L. Lyke and Thomas J. Hoban, editors.* p. 87-93. 1988. WR 213
[U.S. Army Corps Eng. Dist., P.O. Box 4970, Jacksonville, FL 32232]

REPTILES (CONTINUED)

89-005811 Murthy, T. S. N. and R. S. Pillai. LIZARDS. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 210-223. 1986. WR 213
[Zool. Surv. India, Madras, India]

89-005812 Murthy, T. S. N. and R. S. Pillai. CROCODILES. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 256-260. 1986. WR 213
[Zool. Surv. India, Madras, India] *Crocodylus palustris*, *C. porosus*, and *Gavialis gangeticus* in India.

89-005813 Murthy, T. S. N. and R. S. Pillai. SNAKES. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 224-245. 1986. WR 213
[Zool. Surv. India, Madras, India]

89-005814 Murthy, T. S. N. and R. S. Pillai. TURTLES AND TORTOISES. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor*. p. 246-255. 1986. WR 213
[Zool. Surv. India, Madras, India]

89-005815 Nagy, Kenneth A. and Michael H. Knight. COMPARATIVE FIELD ENERGETICS OF A KALAHARI SKINK (*MABUYA STRIATA*) AND GECKO (*PACHYDACTYLUS BIBRONI*). *Copeia* 1989(1):13-17. 1989. WR 213
[Lab. Biomed. & Environ., Sci., Univ. Calif., Los Angeles 90024]

89-005816 Nagy, Kenneth A. and A. Allan Degen. DO DESERT GECKOS CONSERVE ENERGY AND WATER BY BEING NOCTURNAL? *Physiol. Zool*. 61(6):495-499. 1988. WR 213
[Warren Hall, UCLA, 900 Veteran Ave., Los Angeles, CA 90024] *Ptyodactylus hasselquistii* in Israel.

89-005817 Nilson, Goran and Claes Andren. *VIPERA LEBETINA TRANSMEDITERRANEA*, A NEW SUBSPECIES OF VIPER FROM NORTH AFRICA, WITH REMARKS ON THE TAXONOMY OF *VIPERA LEBETINA* AND *VIPERA MAURITANICA* (REPTILIA: VIPERIDAE). *Bonn. Zool. Beitr*. 39(4):371-379. 1988. In English with German summ. WR 213
[Dep. Zool., Univ. Goteborg, Box 250 59, 400 51 Goteborg, Sweden]

89-005818 Obiamiwe, B. A. and Constance C. Ekenwa. SPECIATION OF *FOLEYELLA AGAMAE* (FILARIINAE) INFECTING WILD *AGAMA AGAMA* IN NIGERIA. *Helminthologia* 24(4):257-268. 1987. WR 213
[Dep. Zool., Univ. Benin, Benin City, Nigeria]

89-005819 Ohtani, Yusaku; Yuka Yabuki; Mariko Mimura and Hidenobu Takahashi. SOME PROPERTIES OF A KININOGENASE FROM THE VENOM OF *AGKISTRODON CALIGINOSUS* (KANKOKU-MAMUSHI). *Toxicon* 26(10):903-912. 1988. WR 213
[Takahashi: Meiji Coll. Pharm., 1-35-23, Nozawa, Setagaya-ku, Tokyo 154, Japan]

89-005820 Ohtani, Yusaku; Yuka Yabuki; Mariko Mimura and Hidenobu Takahashi. PURIFICATION OF A KININOGENASE FROM THE VENOM OF *AGKISTRODON CALIGINOSUS* (KANKOKU-MAMUSHI). *Toxicon* 26(10):891-901. 1988. WR 213
[Takahashi: Meiji Coll. Pharm., 1-35-23, Nozawa, Setagaya-ku, Tokyo 154, Japan]

REPTILES (CONTINUED)

89-005821 Orlov, V. N.; A. N. Milishnikov; E. Yu. Pobedonostseva and O. P. Likhnova. [DATA OBTAINED IN THE STUDY OF THE POPULATION STRUCTURE OF *PHRYNOCEPHALUS INTERSCAPULARIS* (AGAMIDAE) BY MORPHOLOGICAL AND ELECTROPHORETIC METHODS.] *Zool. Zh.* 67(11):1689-1698. 1988. In Russian with English summ. WR 213
[Inst. Anim. Evol. Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR]

89-005822 Ota, H.; M. Matsui; T. Hikida and S. Tanaka. KARYOTYPE OF A GEKKONID LIZARD, *EUBLEPHARIS KUROIWAE KUROIWAE*. *Experientia (Basel)* 43(8):924-925. 1987. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Kyoto 606, Japan]

89-005823 Ota, Hidetoshi. *JAPALURA BREVIPES* GRESSITT (AGAMIDAE: REPTILIA), A VALID SPECIES FROM A HIGH ALTITUDE AREA OF TAIWAN. *Herpetologica* 45(1):55-60. 1989. WR 213
[Dep. Zool., Fac. Sci., Kyoto Univ., Kitashirakawa, Sakyo, Kyoto 606, Japan]

89-005824 Paniagua, Carmen Diaz and Rivas Rosario. [DATA ON THE ACTIVITY OF AMPHIBIANS AND SMALL REPTILES IN DONANA, SPAIN.] *Mediterranea* No. 9. p. 15-27. 1987. In Spanish with English summ. WR 213
[Estac. Biol. Donana, P.M. Luisa, Pabellon Peru, Saille, Spain] *Podarcus hispanica* and *Blanus cinereus*.

89-005825 Pastor, L. M.; J. Ballesta; F. Hernandez; R. Perez-Tomas; A. Zuasti and C. Ferrer. A MICROSCOPIC STUDY OF THE TRACHEAL EPITHELIUM OF *TESTUDO GRAECA* AND *PSEUDEMYS SCRIPTA ELEGANS*. *J. Anat.* 153:171-183. 1987. WR 213
[Dep. Histol., School Med., Murcia, Spain]

89-005826 Paukstis, Gary L. and Fredric J. Janzen. AN ADDITIONAL SPECIMEN OF *TERRAPENE CAROLINA TRIUNGUIS* (REPTILIA: TESTUDINES) FROM SOUTHERN ILLINOIS. *Trans. Ill. State Acad. Sci.* 81(3-4):283-286. 1988. WR 213
[2489 Quail Court, Aurora, IL 60504]

89-005827 Paulissen, Mark A. ONTOGENETIC AND SEASONAL COMPARISONS OF DAILY ACTIVITY PATTERNS OF THE SIX-LINED RACERUNNER, *CNEMIDOPHORUS SEXLINEATUS* (SAURIA: TEIIDAE). *Am. Midl. Nat.* 120(2):355-361. 1988. WR 213
[Dep. Zool., Univ. Arkansas, Fayetteville 72701]

89-005828 Perry, Steven F.; Aaron M. Bauer; Anthony P. Russell; James T. Alston and John E. Maloney. LUNGS OF THE GECKO *RHACODACTYLUS LEACHIANUS* (REPTILIA: GEKKONIDAE): A CORRELATIVE GROSS ANATOMICAL AND LIGHT AND ELECTRON MICROSCOPIC STUDY. *J. Morphol.* 199(1):23-40. 1989. WR 213
[Fac. Med., Univ. Calgary, Calgary, AB, Canada T2N 4N1]

89-005829 Perry, Steven F. STRUCTURE AND FUNCTION OF THE REPTILIAN RESPIRATORY SYSTEM. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 193-236. 1989. WR 213
[Univ. Oldenburg, Oldenburg, West Germany]

89-005830 Pianka, Eric R. ECOLOGY AND NATURAL HISTORY OF DESERT LIZARDS: ANALYSES OF THE ECOLOGICAL NICHE AND COMMUNITY STRUCTURE. *Princeton Univ. Press.* 208p. 1986. WR 213

REPTILES (CONTINUED)

89-005831 Pollitt, C. C. STUDIES ON THE VENOM AND BLOOD OF THE EASTERN SMALL-EYED SNAKE *CRYPTOPHIS NIGRESCENS* (GUNTHER). *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 44-54. 1981. WR 213
[Dep. Physiol. & Pharmacol. Univ. Queensland, St. Lucia, Qld. 4067, Australia]

89-005832 Powell, Frank L.; William K. Milsom and Gordon S. Mitchell. EFFECTS OF INTRAPULMONARY CO_2 AND AIRWAY PRESSURE ON PULMONARY VAGAL AFFERENT ACTIVITY IN THE ALLIGATOR. *Respir. Physiol.* 74(3):285-298. 1988. WR 213
[Dep. Med., M-023A, Univ. Calif., San Diego, La Jolla 92093] *Alligator mississippiensis.*

89-005833 Presch, William. PHYLOGENETIC RELATIONSHIPS OF THE SCINCOMORPHA. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 471-492. 1988. WR 213
[Dep. Biol. Sci., Calif. State Univ., Fullerton 92634]

89-005834 Rainboth, Walter J.; Donald G. Buth and Frederick B. Turner. ALLOZYME VARIATION IN MOJAVE POPULATIONS OF THE DESERT TORTOISE, *GOPHERUS AGASSIZII*. *Copeia* 1989(1):115-123. 1989. WR 213
[Dep. Biol., Univ. Calif., Los Angeles 90024]

89-005835 Rand, A. Stanley; Enrique Font; Diniz Ramos; Dagmar I-Werner and Brian C. Bock. HOME RANGE IN GREEN IGUANAS (*IGUANA IGUANA*) IN PANAMA. *Copeia* 1989(1):217-221. 1989. WR 213
[Smithsonian Trop. Res. Inst., APO Miami, FL 34002]

89-005836 Ratterman, R. J. and R. A. Ackerman. THE ENVIRONMENT AND WATER EXCHANGE OF PAINTED TURTLE (*CHRYSEMYS PICTA*) EGGS DURING NATURAL INCUBATION. *Proc. Iowa Acad. Sci.* 94(1):237. 1987. Abstract only. WR 213
[Dep. Zool., Iowa State Univ., Ames 50011]

89-005837 Reddacliff, G. L. NECROTIC ENTERITIS IN REPTILES AT TARONGA ZOO. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 124-126. 1981. WR 213
[Taronga Zoo, Mosman, N.S.W. 2088, Australia]

89-005838 Rieppel, Oliver. THE DEVELOPMENT OF THE TRIGEMINAL JAW ADDUCTOR MUSCULATURE IN THE GRASS SNAKE *NATRIX NATRIX*. *J. Zool. (Lond.)* 216(4):743-770. 1988. WR 213
[Palaontol. Inst. & Mus. Univ., Kunstlergasse 16, 8006 Zurich, Switzerland]

89-005839 Robertson, Peter. COMPARATIVE REPRODUCTIVE ECOLOGY OF TWO SOUTH-EASTERN AUSTRALIAN SKINKS. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 25-37. 1981. WR 213
[Dep. Zool., Univ. Melbourne, Parkville, Vic. 3052, Australia] *Anolis maccoyi* and *Hemiergis decresiensis.*

89-005840 Ross, Richard A. BREEDING PYTHONS IN CAPTIVITY. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 139-142. 1981. WR 213
[Inst. Herpetol. Res., P.O. Box 2227, Stanford, CA]

REPTILES (CONTINUED)

89-005841 Russell, Anthony P. LIMB MUSCLES IN RELATION TO LIZARD SYSTEMATICS: A REAPPRAISAL. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 493-568. 1988. WR 213
[Dep. Biol. Sci., Univ. Calgary, 2500 University Dr. N.W., Calgary, AB, Canada T2N 1N4]

89-005842 Saint-Girons, H. [THE CEPHALIC EXOCRINE GLANDS OF REPTILES I. ANATOMICAL AND HISTOLOGICAL DATA.] *Ann. Sci. Nat. Zool. Biol. Anim.* 9(4):221-255. 1988. In French with English summ. WR 213
[Lab. Evol., Univ. Pierre-et-Marie-Curie, 105 Blvd. Raspail, F-75006 Paris, France]

89-005843 Salvador, Alfredo. [ACTIVITY PATTERNS IN TWO POPULATIONS OF *LACERTA SCHREIBERI*.] *Mediterranea* No. 9. p. 41-56. 1987. In Spanish with English summ. WR 213
[Mus. Nac. Cienc. Nat., J.G. Abascal 2, 28006 Madrid, Spain]

89-005844 Schuster, Mark N. ORIGINS AND HISTORICAL BIOGEOGRAPHY OF EASTERN AUSTRALIAN RAINFOREST SCINCIDAE. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 17-21. 1981. WR 213
[Dep. Zool., Univ. New England, Armidale, N.S.W. 2351, Australia]

89-005845 Schwenk, Kurt. COMPARATIVE MORPHOLOGY OF THE LEPIDOSAUR TONGUE AND ITS RELEVANCE TO SQUAMATE PHYLOGENY. *In: Phylogenetic Relationships of the Lizard Families. Richard Estes and Gregory Pregill, editors.* p. 569-598. 1988. WR 213
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

89-005846 Seymour, Roger S. DIVING PHYSIOLOGY: REPTILES. *In: Comparative Pulmonary Physiology: Current Concepts. Stephen C. Wood, editor.* p. 697-720. 1989. WR 213
[Univ. Adelaide, Adelaide, S.A., Australia]

89-005847 Seymour, Roger S. PHYSIOLOGICAL ADAPTATIONS TO AQUATIC LIFE. *In: Biology of the Reptilia. Carl Gans and F. Harvey Pough, editors.* 13:1-51. 1982. WR 213
[Dep. Zool., Univ. Adelaide, Adelaide, S.A. 5001, Australia]

89-005848 Shine, Richard. NICHE RELATIONSHIPS IN AUSTRALIAN SNAKES. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 143. 1981. Abstract only. WR 213
[School Biol. Sci. A08, Univ. Sydney, Sydney, N.S.W. 2006, Australia] *Austrelaps superbus*, *Hemiaspis signata*, *Notechis scutatus*, *Pseudechis porphyriacus*, *Pseudonaja textilis*, and *Unechis gouldii*.

89-005849 Singh, L. A. K. CROCODILES: STATUS AND MANAGEMENT. *In: Wildlife Wealth of India (Resources & Management). Trilok Chandra Majupuria, editor.* p. 261-275. 1986. WR 213
[Cent. Crocodile Breeding Manage. Training Inst., Lake Dale, Bahadurpura, Hyderabad, India] *Gavialis gangeticus*, *Crocodylus palustris*, and *C. porosus* in India.

89-005850 Slip, David J. and Richard Shine. THE REPRODUCTIVE BIOLOGY AND MATING SYSTEM OF DIAMOND PYTHONS, *MORELIA SPILOTA* (SERPENTES: BOIDAE). *Herpetologica* 44(4):396-404. 1988. WR 213
[Antarctic Div., Channel Hwy., Kingston, Tasm. 7150, Australia]

REPTILES (CONTINUED)

89-005851 Snell, Howard L.; Randy D. Jennings; Heidi M. Snell and Sylvia Harcourt. INTRAPOPULATION VARIATION IN PREDATOR-AVOIDANCE PERFORMANCE OF GALAPAGOS LAVA LIZARDS: THE INTERACTION OF SEXUAL AND NATURAL SELECTION. *Evol. Ecol.* 2(4):353-369. 1988. WR 213
[Dep. Biol. & Mus. Southwest. Biol., Univ. N.M., Albuquerque 87131]

89-005852 Solorzano, Alejandro and Luis Cerdas. [REPRODUCTIVE BIOLOGY OF THE CENTRAL AMERICAN RATTLESNAKE, *CROTALUS DURISSUS DURISSUS* (SERPENTES: VIPERIDAE) IN COSTA RICA.] *Rev. Biol. Trop.* 36(2A):221-226. 1988. In Spanish with English summ. WR 213
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San Jose, Costa Rica]

89-005853 Solorzano, Alejandro and Luis Cerdas. [REPRODUCTIVE CYCLES OF THE CORAL SNAKE, *MICRURUS NIGROCINCTUS* (SERPENTES: ELAPIDAE) IN COSTA RICA.] *Rev. Biol. Trop.* 36(2A):235-239. 1988. In Spanish with English summ. WR 213
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San Jose, Costa Rica]

89-005854 Solorzano, Alejandro; Jose Maria Gutierrez and Luis Cerdas. [*BOTRHOPS OPHRYOMEGAS* BOCOURT (SERPENTES: VIPERIDAE) IN COSTA RICA: DISTRIBUTION, LEPIDOSIS, SEXUAL VARIATION AND KARYOTYPE.] *Rev. Biol. Trop.* 36(2A):187-190. 1988. In Spanish with English summ. WR 213
[Inst. Clodomiro Picado, Fac. Microbiol., Univ. Costa Rica, San Jose, Costa Rica]

89-005855 Somma, Louis A. and James D. Fawcett. BROODING BEHAVIOUR OF THE PRAIRIE SKINK, *EUMECES SEPTENTRIONALIS*, AND ITS RELATIONSHIP TO THE HYDRIC ENVIRONMENT OF THE NEST. *Zool. J. Linn. Soc.* 95(3):245-256. 1989. WR 213
[Dep. Zool., 223 Bartram Hall, Univ. Fla., Gainesville 32611]

89-005856 Soto, Julio G. PURIFICATION AND CHARACTERIZATION OF ESTERASE ENZYMES IN *CROTALUS ATROX* VENOM BY HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC). *M.S. thesis, Tex. A&I Univ.* 83p. 1987. From Masters Abstr. Int. 26(4):399. 1988. Order No. MA1332354. WR 213

89-005857 Soto, Julio G.; John C. Perez and Sherman A. Minton. PROTEOLYTIC, HEMORRHAGIC AND HEMOLYTIC ACTIVITIES OF SNAKE VENOMS. *Toxicon* 26(9):875-882. 1988. WR 213
[Dep. Biol., Tex. A&I Univ., Kingsville 78363]

89-005858 Stamps, Judy A. THE EFFECT OF BODY SIZE ON HABITAT AND TERRITORY CHOICE IN JUVENILE LIZARDS. *Herpetologica* 44(4):369-376. 1988. WR 213
[Dep. Zool., Univ. Calif., Davis 95616] *Anolis aeneus* in Grenada.

89-005859 Steele, C. W.; M. A. Grassman; D. W. Owens and J. H. Matis. APPLICATION OF DECISION THEORY IN UNDERSTANDING FOOD CHOICE BEHAVIOR OF HATCHLING LOGGERHEAD SEA TURTLES AND CHEMOSENSORY IMPRINTING IN JUVENILE LOGGERHEAD SEA TURTLES. *Experientia (Basel)* 45(2):202-205. 1989. WR 213
[Dep. Zool., Miami Univ., Oxford, OH 45056] *Caretta caretta*.

89-005860 Sternberg, James and Michael Webber. SEA TURTLES. *Underwater Nat.* 13(4):3-7. 1982. WR 213

REPTILES (CONTINUED)

89-005861 Strijbosch, H. and R. C. M. Creemers. COMPARATIVE DEMOGRAPHY OF SYMPATRIC POPULATIONS OF *LACERTA VIVIPARA* AND *LACERTA AGILIS*. *Oecologia (Berl.)* 76(1):20-26. 1988. WR 213
[Dep. Anim. Ecol., Catholic Univ., Toernooiveld, 6525 ED Nijmegen, Netherlands]

89-005862 Subhedar, Nishikant; N. S. Rama Krishna and P. D. Prasada Rao. CYTOARCHITECTONIC PATTERN OF THE HYPOTHALAMUS IN THE CROCODILE, *GAVIALIS GANGETICUS*. *Cell Tissue Res.* 255(1):89-105. 1989. WR 213
[Prasada Rao: Dep. Zool., Nagpur Univ., Nagpur 440 010, India]

89-005863 Sutherland, S. K.; A. J. Broad; A. R. Coulter and R. D. Harris. SOME ASPECTS OF SNAKE VENOM RESEARCH. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 38. 1981. Abstract only. WR 213
[Immunol. Res. Commonwealth Serum Lab., Parkville, Vic. 3052, Australia]

89-005864 Telford, Sam Rountree, Jr. A CONTRIBUTION TO THE SYSTEMATICS OF THE REPTILIAN MALARIA PARASITES, FAMILY PLASMODIIDAE (APICOMPLEXA: HAEMOSPORORINA). *Bull. Fla. State Mus. Biol. Sci.* 34(2):1-95. 1988. In English with Spanish summ. Available at $1.75 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 32611. WR 213
[Fla. State Mus. Nat. Hist., Univ. Fla., Gainesville 32611]

89-005865 Thompson, Michael. GAS TENSIONS IN NATURAL NESTS AND EGGS OF THE TORTOISE *EMYDURA MACQUARII*. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors*. p. 74-77. 1981. WR 213
[Dep. Zool., Univ. Adelaide, G.P.O. Box 498, Adelaide, S.A. 5001, Australia]

89-005866 Thorbjarnarson, John B. THE STATUS AND ECOLOGY OF THE AMERICAN CROCODILE IN HAITI. *Bull. Fla. State Mus. Biol. Sci.* 33(1):1-86. 1988. In English with Spanish summ. Available at $3.15 from Managing Editor, Bulletin, Fla. State Mus., Univ. Fla., Gainesville 36211. WR 213
[Fla. State Mus., Dep. Wildl. & Range Sci., Univ. Fla., Gainesville 32611] *Crocodylus acutus*.

89-005867 Thorpe, R. S. GEOGRAPHIC VARIATION: MULTIVARIATE ANALYSIS OF SIX CHARACTER SYSTEMS IN SNAKES IN RELATION TO CHARACTER NUMBER. *Copeia* 1989(1):63-70. 1989. WR 213
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland]

89-005868 Thorpe, R. S. PATTERN AND FUNCTION OF SEXUAL DIMORPHISM: A BIOMETRIC STUDY OF CHARACTER VARIATION IN THE GRASS SNAKE (*NATRIX NATRIX*, COLUBRIDAE) DUE TO SEX AND ITS INTERACTION WITH GEOGRAPHY. *Copeia* 1989(1):53-63. 1989. WR 213
[Dep. Zool., Univ. Aberdeen, Aberdeen AB9 2TN, Scotland]

89-005869 Tu, Anthony T., editor. RATTLESNAKE VENOMS - THEIR ACTIONS AND TREATMENT. *Marcel Dekker, Inc.* 393p. 1982. WR 213
[Dep. Biochem., Colo. State Univ., Fort Collins 80523] *Crotalus* and *Sistrurus* spp.

89-005870 Ueda, Masayuki; Chun-Chang Chang and Motonori Ohno. PURIFICATION AND CHARACTERIZATION OF L-AMINO ACID OXIDASE FROM THE VENOM OF *TRIMERESURUS MUCROSQUAMATUS* (TAIWAN HABU SNAKE). *Toxicon*

REPTILES (CONTINUED)

89-005870 CONTINUED 26(8):695-706. 1988. WR 213
[Lab. Enzyme Chem., Dep. Chem. Fac. Sci., Kyushu Univ., Higashi-ku, Fukuoka 812, Japan]

89-005871 Upton, Steve J.; Paul S. Freed and Mara Grady Freed. TWO NEW SPECIES OF COCCIDIA (APICOMPLEXA: EIMERIORINA) FROM PERUVIAN REPTILES. *Trans. Am. Microsc. Soc.* 108(1):96-100. 1989. WR 213
[Div. Biol., Ackert Hall, Kans. State Univ., Manhattan 66506] *Oxybelis argenteus* and *Anolis fuscoauratus*.

89-005872 van Berkum, Fredrica H. LATITUDINAL PATTERNS OF THE THERMAL SENSITIVITY OF SPRINT SPEED IN LIZARDS. *Am. Nat.* 132(3):327-343. 1988. WR 213
[Dep. Ecol. & Evol., SUNY, Stony Brook, NY 11794]

89-005873 van Wyk, J. H. THE DIET OF THE RHOMBIC SKAAPSTEKER, *PSAMMOPHYLAX RHOMBEATUS RHOMBEATUS* (SERPENTES: COLUBRIDAE). *Navors. Nas. Mus. (Bloemfontein)* 5(16):455-471. 1988. In English with Afrikaans summ. WR 213
[Natl. Mus., Bloemfontein, South Africa]

89-005874 Vishwanath, B. Sannanaik; R. Manjunatha Kini and T. Veerabasappa Gowda. PURIFICATION AND PARTIAL BIOCHEMICAL CHARACTERIZATION OF AN EDEMA INDUCING PHOSPHOLIPASE A_2 FROM *VIPERA RUSSELLI* (RUSSELL'S VIPER) SNAKE VENOM. *Toxicon* 26(8):713-720. 1988. WR 213
[Dep. Biochem., Va. Commonwealth Univ., Med. Coll. Va., Richmond 23298]

89-005875 Warner, James LeRoy. STATUS, DISTRIBUTION AND HABITAT SELECTION OF THE BOG TURTLE, *CLEMMYS MUHLENBERGII* (SCHOEPFF), IN CONNECTICUT. *M.S. thesis, South. Conn. State Univ.* 54p. 1988. From Masters Abstr. Int. 27(1):73. 1989. Order No. MA1333533. WR 213

89-005876 Webb, Grahame J. W. NESTING BIOLOGY OF *CROCODYLUS JOHNSTONI* IN THE NORTHERN TERRITORY. *In: Proceedings of The Melbourne Herpetological Symposium. Chris B. Banks and Angus A. Martin, editors.* p. 107. 1981. Abstract only. WR 213
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, N.S.W., Australia]

89-005877 Werner, Y. L. ARE HEMIPENIAL "OSSIFICATIONS" OF GEKKONIDAE AND VARANIDAE OSSIFIED? *Isr. J. Zool.* 35(1-2):99-100. 1988/89. Abstract only. WR 213
[Dep. Zool., Hebrew Univ. Jerusalem, 91904 Jerusalem, Israel]

89-005878 Westergaard, Bjarne. EARLY DENTITION DEVELOPMENT IN THE LOWER JAWS OF *ANGUIS FRAGILIS* AND *LACERTA AGILIS*. *Mem. Soc. Fauna Flora Fenn.* 64(3):148-151. 1988. WR 213
[Inst. Cell Biol. & Anat., Universitetsparken 15, DK-2100 Copenhagen, OE, Denmark]

89-005879 Westoby, Mark. AUSTRALIA'S HIGH LIZARD DIVERSITY: A NEW HYPOTHESIS. *Trends Ecol. Evol.* 4(2):38. 1989. WR 213
[School Biol. Sci., Macquarie Univ., North Ryde, N.S.W. 2109, Australia]

REPTILES (CONTINUED)

89-005880 Whipple, Jeffrey F. and Joseph T. Collins. FIRST COMPLETE CLUTCH RECORD FOR THE CENTRAL PLAINS MILK SNAKE *(LAMPROPELTIS TRIANGULUM GENTILIS)* IN KANSAS. *Trans. Kans. Acad. Sci.* 91(3-4):187-188. 1988. WR 213
[Anim. Care Unit, Univ. Kans., Lawrence 66045]

89-005881 Wintin, Warren K. and Howard E. Lawler. CAPTIVE MANAGEMENT AND PROPAGATION OF THE RETICULATED GILA MONSTER *(HELODERMA SUSPECTUM SUSPECTUM)* AT THE ARIZONA-SONORA DESERT MUSEUM. *Anim. Keepers' Forum* 15(12):467-472. 1988. WR 213
[Arizona-Sonora Desert Mus., Tucson, AZ]

89-005882 Wyneken, Jeanette. COMPARATIVE AND FUNCTIONAL CONSIDERATIONS OF LOCOMOTION IN TURTLES. *Ph.D. dissertation, Univ. Ill. (Urbana-Champaign)* 162p. 1988. From Diss. Abstr. Int. B Sci. Eng. 49(9):3631. 1989. Order No. DA8823296. WR 213
Chelonia mydas and *Caretta caretta*.

89-005883 Yamakawa, Yoshio and Tamotsu Omori-Satoh. THE SITES OF CLEAVAGE IN OXIDIZED INSULIN-B CHAIN BY A HEMORRHAGIC PROTEASE DERIVED FROM THE VENOM OF THE HABU *(TRIMERESURUS FLAVOVIRIDIS)*. *Toxicon* 26(2):227-231. 1988. WR 213
[Dep. Appl. Immunol., Natl. Inst. Health, Shinagawa-ku, Kamiosaki 2-10-35, Tokyo 141, Japan]

89-005884 Yasuda, Akikazu; Kazuo Yamaguchi; Harold Papkoff; Yoshiharu Yokoo and Hiroshi Kawauchi. THE COMPLETE AMINO ACID SEQUENCE OF GROWTH HORMONE FROM THE SEA TURTLE *(CHELONIA MYDAS)*. *Gen. Comp. Endocrinol.* 73(2):242-251. 1989. WR 213
[Kawauchi: Lab. Mol. Endocrinol., School Fish. Sci., Kitasato Univ., Sanriku, Iwate 022-01, Japan]

BOOK REVIEWS

Regens, J. L. and R. W. Rycroft. 1988. *The Acid Rain Controversy*. Univ. Pittsburgh Press, Pittsburgh, PA 15260. xvii + 228pp. Available from the publisher at $24.95 (cloth), $12.95 (paper).

Acid rain is considered by many to be the major environmental issue of the 1980's. Certainly, it has caused an international debate, particularly in regard to how it is controlled and who pays the cost for controls that might be implemented. Although the issue originated as an ecological concern it quickly became a political dilemma. Early questions on the extent of environmental risk evolved into polemics concerning the regulatory action necessary to respond to society's perception of the problem.

This book chronicles the acid rain controversy, from air quality and air management to environmental politics. Its six chapters focus on the emergence of the problem and questions dealing with scientific uncertainty, existing control technologies and mitigation strategies, estimation of economic costs and benefits, the political environment and the prospects for policy making. The senior author's sojourn in Washington, D.C., during the early formation of the federal government's research program on acid precipitation provides specific insight on the political process and complexity of environmental legislation. Because the problem is international in its scope and in its final resolution, it is also considered representative of other emerging environmental problems. One of the interesting aspects of this book is simply tracing the development of a classic example of an environmental predicament. From the background of the Clean Air legislation to the current proposals for acid rain policy, the authors incorporate the interests and concerns of business, society, environmental groups, and government in seeking appropriate information for decision makers.

In discussing the emergency of the controversy, the authors do a fine job of reviewing pertinent air quality legislation, setting the stage for some of the proposed action for acid rain control. The experiences of northern European countries, which first alerted the scientific community to the issue, are briefly covered in the chapter on the science of acid rain. Here the reader is also provided with some of the basic facts on precipitation chemistry, transport and deposition processes, and subsequent environmental effects. Intertwined in this information are comments on economics and opposing interpretations of existing scientific knowledge. Only brief reference is made to the federal interagency research program. The chapter on control technologies provides short descriptions of twenty available, potential, and possible technologies for controlling acid deposition. Diagrams for several of these technologies are included. Liming, as a form of receptor mitigation, is mentioned. The chapter devoted to the economic dimension of the issue points out the problems of generating reliable numbers, given the existing information base. It concludes with a discussion of alternatives for financing control costs and the implications for policy making. The penultimate chapter discusses acid rain as a political problem and describes the strategies employed by the various interest groups. This information, along with the final chapter on the prospects for policy making, will no doubt frustrate the reader. The answers are not easy, and in most cases the "jury is still out." There is the continuing need for a political consensus to act.

For biologists and others wishing a basic introduction to the economic and political aspects of the acid rain debate, this book may serve the purpose. It is easy reading and, in paperback, it is a reasonably priced primer on the subject.—R. Kent Schreiber, National Ecology Research Center, U.S. Fish and Wildlife Service, Kearneysville, WV.

AUTHOR INDEX

Abbott, D. H.
  89-003603
  89-004271
  89-004291
Abdelghani, A. A.
  89-003319
Abdullahi, G. A.
  89-002963
Abee, C. R.
  89-004283
Aber, John D.
  89-003257
Abeywardena, M. W.
  89-004222
Aboud, A. A.
  89-002964
Abraham, Kenneth F.
  89-003733
Abrahamson, Warren G.
  89-002800
  89-002801
Abrams, Marc D.
  89-003249
Abs, M.
  89-004608
Abts, Marvin L.
  89-005705
Abu-Elzin, Fawzi M.
  89-003450
Abu-Sabra, Ibrahim
  89-003559
Ackerman, Bruce Bennet
  89-004096
Ackerman, R. A.
  89-005836
Adam, J. L.
  89-004121
Adams, Ann Marie
  89-003891
Adams, David L.
  89-003742
Adams, Lowell W.
  89-002856
Adams, Mark
  89-003950
Adams, Michael A.
  89-005320
Adams, Rick A.
  89-003389
Adams, S. R.
  89-004251
Adamus, Paul
  89-003063
Addiego, Leslie A.
  89-004513
Adegbola, P. O.
  89-002983
Adkisson, Curtis S.
  89-004323
Adret-Hausberger, M.
  89-005294
Adsersen, Henning
  89-002793
Agrawal, V. C.
  89-003449
Aguayo L., A.
  89-003926
Aguilar, Alex
  89-003892
Aguilar, Roberto
  89-004857
Ainley, D. G.
  89-004833
Ainley, David G.
  89-004647
Akers, J. William
  89-004776
Akinsoji, Aderopo
  89-003250
Al-Din A. Ali, Sharaf
  89-003450
Al-Johany, Awadh M. H.
  89-005706
Al-Jumaily, Walid T.
  89-004612
Al-Nakash, Maysoon M.
  89-003567
Al-Sanei, Khalid S.
  89-003450
  89-003451
  89-003580
Al-Tae, Abdul Rahman
  89-004612
Al-Taqi, Muna
  89-003452
  89-003463
  89-003473
Al-Ziady, Samira
  89-003452
Alados, C. L.
  89-004052
Alawi, R. M.
  89-003311
Albayrak, I.
  89-003390
Albers, Harold F.
  89-004499
  89-005018
Albert, Thomas F.
  89-003952
  89-004036
Alberts, S.
  89-004211
Albignac, R.
  89-004279
Albuquerque, J. L. B.
  89-005199
Alderman, Jay A.
  89-004160
Alderton, David
  89-005707
Aldred, Don R.
  89-003861
Aldrich, Tom
  89-004722
Alexander, Charles E.
  89-003064
  89-003096
Alexander, Guillermo
  89-005708
Alexander, J. S. A.
  89-003358
Alford, Ross A.
  89-005611
Alfred, J. R. B.
  89-004210
Ali, S. M.
  89-004118
Ali, S. Mohammad
  89-004161
  89-004296
  89-004580
Alieri, Raffaella
  89-004838
Alkon, P. U.
  89-002813
Alkon, Philip U.
  89-003581
Allan, David
  89-005082
Allan, G. M.
  89-003977
Allan, N.
  89-004051

AUTHOR INDEX

Allan, R. G.
89-005131
Allen, Barbara H.
89-003180
Allen, D. W.
89-003596
Allen, Mary E.
89-002965
Alston, James T.
89-005828
Althouse, Jody Kosack
89-002966
Altman, N. H.
89-003811
Altmann, J.
89-004211
Alum, D. C.
89-003020
Alverson, William S.
89-004097
Alvin, Norman A.
89-004455
Amador, A. G.
89-003829
Aminu, Mohammed
89-003019
Amitai, Aharoni
89-005083
Ammann, Alan P.
89-003065
Amoss, M. S., Jr.
89-004177
Amtkjaer, Jens
89-005612
Andera, M.
89-003302
Andera, Milos
89-003582
Andersen, David E.
89-005171
Andersen, Liselotte Wesley
89-003893
Andersen, Trond
89-003886
Anderson-Brown, A. F.
89-004315
Anderson, A. C.
89-003319
Anderson, Bertin
89-003066
Anderson, Bertin W.
89-004374
Anderson, C. Diane
89-004665
Anderson, Daniel W.
89-005019
89-005021
Anderson, David A.
89-004324
Anderson, J. L.
89-002870
Anderson, John G. T.
89-003583
Anderson, Liselotte Wesley
89-003894
Anderson, Michael G.
89-004665
Anderson, Nancy
89-003067
Anderson, Ronald
89-004059
Anderson, S. H.
89-004359
Anderson, Stanley H.
89-003824
89-004634
Anderson, Thistle A.
89-003068
Anderson, William L.
89-004664
Andersson, A.
89-004615
89-004616
Andren, Claes
89-002938
89-005592
89-005605
89-005613
89-005614
89-005817
Andrews, P. L. R.
89-003820
Andrews, Ralph
89-004768
Andrews, Robert W.
89-005280
Andrews, Robin M.
89-005709
89-005710
Andrews, Steven G.
89-004162
89-004170
Anganuzzi, A. A.
89-003914
89-003915
Ange, R. L.
89-004243
Anker-Nilssen, Tycho
89-004500
Anlauf, Andreas
89-004777
89-004778
Anthony, Robert G.
89-005084
Antikainen, E.
89-005295
Antonovych, T. T.
89-004198
Antrim, J. E.
89-003934
Aoi, Toshiki
89-003694
89-003753
Aplin, K. P.
89-005751
Apollonio, Marco
89-004148
Applegate, G. B.
89-003275
Arafa, M. S.
89-003453
89-003560
Araujo, M. F. L.
89-003660
Araya M., Braulio
89-005032
89-005078
Archer, Elizabeth D.
89-004638
Archibald, T. J.
89-004456
89-005347
Archibald, W. R.
89-003695
Arendt, Wayne J.
89-004316
89-004769
Arlettaz, R.
89-003391
Arlettaz, Raphael
89-005573
Armand, Jacques
89-002941

AUTHOR INDEX

Armentrout, Donald J.
89-004163
Armitage, Kenneth B.
89-003527
Armour, Carl L.
89-002814
Arnason, A.
89-003895
89-003896
89-003935
89-004032
Arnbom, Tom
89-003897
Arnold, Todd W.
89-004617
Arnold, W.
89-003546
Arora, B. M.
89-003834
Arthur, Stephen M.
89-002792
89-003799
Asashima, Makoto
89-005666
Asay, K. H.
89-003181
Asbirk, Sten
89-004501
89-004770
Ashbrenner, James E.
89-003867
Asher, G. W.
89-004119
89-004120
89-004121
Ashton, A. D.
89-003483
Ashton, A. Daniel
89-003454
Asper, E. D.
89-003934
Aspinall, S. J.
89-004677
Astheimer, Lee B.
89-005574
89-005711
Atkins, J. D.
89-005085
89-005337
89-005338
Atramentowicz, M.
89-003359
Atwood, Jonathan L.
89-004771
89-005339
Atyeo, W. T.
89-005567
Auble, Gregor T.
89-003103
August, Peter V.
89-003583
Aulagnier, S.
89-003391
89-003805
Ault, Steven J.
89-005086
Aumann, T.
89-005087
89-005088
Aune, Keith
89-003775
Ausloos, Brian J.
89-005089
Austin, D. D.
89-004098
Austin, Harriet B.
89-005669
Avise, John C.
89-005717
Awbrey, F. T.
89-003946
Axell, H. E.
89-003069
89-004618
Ayanda, J. O.
89-003381
Ayres, Lee Anne
89-003696
Ayuko, L. J.
89-003182
Ayvazian, Suzanne G.
89-003583
Azevedo-Marques, M. M.
89-005743
Babb, David E.
89-004882
Babb, Jeffrey G.
89-003675
Baca, Bart J.
89-003070
Backstrom, Parker
89-004772
Bacon, Bruce R.
89-004705
Bader, Mike
89-003697
Baggott, L. M.
89-003343
Bailey, Arthur W.
89-003183
Bailey, Theodore N.
89-003835
Baines, David
89-004773
Baker, Carolyn M.
89-003888
Baker, Denise Lynne
89-004457
Baker, William L.
89-002871
Baker, William S.
89-004469
Bakewell, D. N.
89-005090
Bakhuizen, T.
89-004535
89-004536
Balanco, J. M. F.
89-003660
Balbaa, M.
89-003561
89-003572
Balbaa, Mohammad M.
89-003451
89-003562
Balch, Lawrence G.
89-005340
Balda, R. P.
89-004332
Balda, Russell P.
89-004333
89-005319
Baldridge, Alan
89-005019
Baldwin, Charles A.
89-003816
Baldwin, K. L.
89-003736
Ballard, W. B.
89-003332
Ballard, Warren B.
89-003746
Ballesta, J.
89-005825

AUTHOR INDEX

Ballou, Jonathan
89-004862
Balls, Michael
89-005680
Balment, R. J.
89-005712
Baltosser, William H.
89-004325
Banach, Anna
89-003584
Banci, Vivian
89-003800
Bancroft, G. T.
89-004976
89-004991
Bancroft, G. Thomas
89-004883
Banks, Chris B.
89-005593
Baptista, Luis F.
89-004965
89-005341
89-005385
89-005532
Barak, Y.
89-003392
Barba, E.
89-004467
89-005342
Barber, John C.
89-005091
Barber, Kim R.
89-003698
89-003738
Barber, Margaret M.
89-005091
Barbour, Michael G.
89-003225
Barca, M. L.
89-003660
Barclay, John H.
89-005092
Barnard, Dale Lynn
89-003801
Barnard, Phoebe
89-005343
Barnard, Susan M.
89-003393
89-003394
Barnard, William D.
89-003071
Barnes, D.
89-004121
Barnes, T. G.
89-004102
Barnett, S. A.
89-003455
89-003456
Barnhart, M. Christopher
89-005651
Baron, G.
89-003377
Barrentine, C. D.
89-005093
Barrett, R. T.
89-005020
Barrett, Reginald H.
89-003289
89-004164
Barrett, T. V.
89-004297
Barrows, Cameron W.
89-005344
Barta, J. R.
89-005615
Bartke, A.
89-003829
Bartlett, D., Jr.
89-005761
Bass, J. J.
89-004120
Bassett, J.
89-004774
Bassili, W. R.
89-003498
Bastida, Ricardo
89-003898
Bates, John Marshall
89-005345
Bates, P. J. J.
89-003585
Batson, Deborah H.
89-003899
Batt, Bruce D. J.
89-004665
Battistella, Ugo
89-004923
Bauchau, V.
89-003305
Bauer, Aaron M.
89-005828
Bauerova, Zdenka
89-003395
Baugh, Thomas M.
89-003900
Baumgartel, Mona
89-004382
Baumgartner, Donald L.
89-002939
Baumgartner, Frederick M.
89-005346
Baustian, Mark
89-005616
Bavister, Barry D.
89-004212
Bavoux, Chr.
89-005094
Baxter, Franklin S.
89-003076
Bayer, Max
89-004117
Bayer, Range D.
89-004775
Bdolah, A.
89-005769
Bearden, H. Joe
89-004105
Beatty, Katherine Kay
89-002872
Beaugrand, J. P.
89-003571
Beaver, Paul
89-002815
89-002816
89-004213
Bechard, Marc J.
89-005171
Beck, Ruth A.
89-004776
Becker, Earl F.
89-003746
Becker, Kurt
89-003457
Becker, Peter H.
89-004777
89-004778
Bee de Speroni, Noemi
89-004609
Beecham, J. J.
89-003786
Beecham, John
89-003787
Beecher, Michael D.
89-002931

AUTHOR INDEX

Beehler, Bruce
89-004201
Beekenkamp, Huguette
89-002941
Beer, J. V.
89-004543
Beezley, John A.
89-004458
Behbehani, Bahija I.
89-003462
Behrmann, Gunther
89-003901
Beidleman, Carol Aileen
89-002873
Beier, Lavern
89-003767
Beier, Lavern R.
89-003768
Beiles, A.
89-003634
Beintema, A. J.
89-004326
Bekbayev, E. Z.
89-004848
Beklova, Miroslava
89-002807
89-004550
89-005095
Belden, Robert C.
89-003836
Beletsky, Les D.
89-005296
Belikov, S. E.
89-003902
Bell, M. V.
89-004723
Bell, Phil J.
89-004542
Bell, R. H. V.
89-002967
Bellocq, M. I.
89-003598
Belovsky, G. E.
89-003290
89-003291
Beltzer, Adolfo Hector
89-004327
Ben-Adert, Y.
89-004165
Beneski, John T., Jr.
89-005617
Bengis, R. G.
89-003279
Benigno, E. A.
89-003476
Benirschke, Kurt
89-004168
Bennett, Alan J.
89-004779
89-004780
Bennett, Albert F.
89-005651
89-005713
Bennett, Elizabeth L.
89-004214
Bennett, G. F.
89-004544
Bennett, Jewel K.
89-004510
Bennett, John C.
89-003996
89-004005
Bennett, Laurel A.
89-004779
Bennett, Richard S.
89-004510
Bent, Arthur Cleveland
89-004619
Bercovitch, Fred B.
89-004215
Berg, Hans-Martin
89-004781
Berg, William E.
89-003837
Berger, Dhyani J.
89-002968
Bergerud, A. T.
89-003332
Berglie, Carole
89-004356
Bergman, G.
89-004459
Berkmuller, Klaus
89-002874
Berkofsky, Louis
89-003184
Bermejo, M.
89-004216
Bernard, Hannah J.
89-003903
Bernard, R. T. F.
89-003396
Bernhards, Deborah
89-004218
Bernoni, Mauro
89-004752
Berns, Vernon D.
89-003785
Berria, Matthew
89-003802
Berry, C. U.
89-005347
Berry, Darrell R.
89-003789
Berry, H. H.
89-003877
89-005347
Berthold, P.
89-005527
Berthold, Peter
89-005348
Bertin, Robert I.
89-002932
Bertram, B. C. R.
89-005237
Berzin, A. A.
89-003904
Beschow, Ronald
89-004753
Besser, Jerome F.
89-005297
Best, Peter B.
89-003905
Best, Robert Gene
89-004724
Beukenberg, Markus
89-004472
Bezuidenhout, J. D.
89-005330
Bezzel, Einhard
89-004620
Bhat, G.
89-005349
Bhatnagar, Kunwar P.
89-003397
Bhatnagar, M. K.
89-004528
Bian Ziaozhuang
89-005284
Biben, Maxeen
89-004217
89-004218

Bickham, John W.
  89-003435
Bidstrup, Frances C.
  89-004943
Bidwell, Terrence G.
  89-004598
Bierregaard, Richard O.
  89-005170
Bijlsma, Rob G.
  89-005096
Biknevicius, A. R.
  89-003849
Bildstein, K. L.
  89-004621
Bildstein, Keith L.
  89-004916
Billett, A. E.
  89-005350
Billings, Peter B.
  89-005732
Bilsing, A.
  89-004713
Bilsing, Annelore
  89-004678
Binford, Laurence C.
  89-004328
Biologische Station Rieselfelder Munster
  89-003072
Bird, David M.
  89-005097
  89-005098
  89-005151
Birkhead, T. R.
  89-005099
  89-005351
Birney, Elmer C.
  89-003296
Bisbal E., Francisco J.
  89-003251
Bison, Pieter
  89-005243
Bissonette, John A.
  89-003683
  89-004766
Bjarvall, Anders
  89-003699
Bjork, Robin
  89-004782
Blackburn, Karen
  89-002969
Blackburn, W. H.
  89-003185
Blackwood, J.
  89-004927
Blake, John G.
  89-005581
Blanchard, B. M.
  89-003743
Blanchard, Bonnie M.
  89-003700
  89-003731
Blanchette, Pierre
  89-003551
Blank, Gerald T., Jr.
  89-003712
Blankenship, Terry L.
  89-003838
Blankert, J. J. (Han)
  89-004329
Bledsoe, Lewis J.
  89-003944
Blem, Charles R.
  89-002940
Blem, Leann B.
  89-002940
Bliss, John Caswell
  89-003226
Bloch, D.
  89-003906
Bloch, Dorete
  89-003313
  89-003907
Block, William M.
  89-004330
  89-005266
Blockstein, David E.
  89-004610
Blokhin, S. A.
  89-003908
Blokpoel, H.
  89-004783
Blokpoel, Hans
  89-004647
  89-004904
Bloom, Peter H.
  89-005100
Blum, Lynn Giroux
  89-003839
Blum, Vinzenz
  89-005352
Blus, Lawrence J.
  89-004502
  89-004511
Blyth, John
  89-004878
Boardman, Constance Jean
  89-004503
Boates, John Sherman
  89-004784
Boatman, Dorothy E.
  89-004212
Bobek, Boguslaw F.
  89-004184
Bock, Brian C.
  89-005714
  89-005835
Bock, K. R.
  89-004785
Bock, W. F.
  89-003803
Bockeler, W.
  89-003686
Boecklen, W. J.
  89-004332
Boellstorff, Diane E.
  89-005021
Boer, Arnold H.
  89-004122
Boever, William J.
  89-004183
Boggess, Edward K.
  89-003439
Bogliani, Giuseppe
  89-004631
Bohm, Robert T.
  89-005101
Bohme, Wolfgang
  89-005791
Boland, Stephen P.
  89-005353
  89-005538
Bolanos, Rodolfo
  89-003662
Bolduc, Alison
  89-005354
Bolduc, Don
  89-004331
Bollenbacher, John P.
  89-005355
Bolser, Linda
  89-004219
Bonaventura, S. M.
  89-003598

Bondarev, D. V.
89-004676
Bonell, M.
89-003227
Bonilla Martinez, Gilbert I.
89-004339
Bonkoski, Jerry
89-005356
Bookhout, Theodore A.
89-004684
Boomker, J.
89-004180
Booth, David T.
89-004602
Borch-Iohnsen, Berit
89-004689
Borchers, D. L.
89-003918
Borrelli, Giorgio
89-005630
Borrmann, Klaus
89-004967
89-005102
Boscagli, Giorgio
89-003701
Bosch, O. J. H.
89-003186
Bossart, Gregory D.
89-004037
Boswall, J.
89-004318
Boulard, Y.
89-005615
Bourne, A. R.
89-005715
Bouskila, A.
89-005716
Boutilier, Robert G.
89-005618
Boutin, J. M.
89-004123
Bovet, J.
89-003586
Bovey, R. W.
89-003187
Bowden, David C.
89-004109
Bowen, Brian W.
89-005717
Bowen, J. M.
89-003335
89-003336
Bowers, M. A.
89-003458
Bowles, Ann
89-004017
Boxall, Peter C.
89-005103
Boy, Vincent
89-004802
89-004804
Boycott, Richard C.
89-005619
Boyd, Ernest
89-004055
Boyer, S. D.
89-003965
Braack, L. E. O.
89-003188
Brack, M.
89-004220
Bradford, David F.
89-005620
Bradley, J. S.
89-005022
Bradley, Lisa C.
89-004115
Bradshaw, A. D.
89-003252
Brady, James R.
89-003840
Brady, Ward W.
89-003748
Braham, H. W.
89-003909
Braham, Howard W.
89-003910
89-003911
Brahier, Jean-Luc
89-005357
Branam, Jeanine M.
89-002779
Branch, Bill
89-005718
Brand, Christopher J.
89-004545
Brandon, Ronald A.
89-005621
Branfield, A. S.
89-005104
Bransfield, Raymond J.
89-005555
Brauer, Fred
89-002817
Braun, Janet K.
89-003299
Braun, Karl
89-003035
Brawn, J. D.
89-004332
Brawn, Jeffrey D.
89-004333
Brazil, Mark
89-005105
89-005358
Breed, W. G.
89-003641
89-003665
Breitwisch, Randall
89-004306
89-005359
89-005554
Breniere, S. F.
89-003329
Brennan, Leonard A.
89-005266
Brenowitz, Eliot A.
89-005546
Bretagnolle, Vincent
89-005023
Brettfeld, Ralf
89-004334
Breuer, E.
89-003969
Brichetti, Pierandrea
89-004335
89-005254
Briggs, Deborah J.
89-003804
Briggs, John M.
89-003587
89-003804
Briggs, Lars
89-005622
Brigham, A. C.
89-003398
Brigham, R. M.
89-003398
Brink, Glen E.
89-002842
Brinklow, B. R.
89-003344
Brisbin, I. L.
89-004621

Brisbin, I. L., Jr.
89-003438
Bristow, Phil
89-004786
British Birds
89-005106
Brittell, J. David
89-003841
Brittingham, William A.
89-004787
Britton, Carlton M.
89-003189
Britton, R. H.
89-004622
Brizzi, Rossana
89-005630
Broad, A. J.
89-005863
Broadhead, R. G.
89-003079
Brochier, B.
89-003676
Brock, Kenneth J.
89-004336
Brockie, R. E.
89-002850
Broderson, J. Roger
89-004225
Brodie, Edmund D., Jr.
89-005725
89-005760
Brodie, James
89-003333
Brody, Allan J.
89-003702
89-003718
Brody, Allan Joseph
89-003314
Bromer, William R.
89-003283
Brook, F. A.
89-003588
Brooke, M. de L.
89-004464
89-004465
Brooke, Michael
89-002970
Brooke, R. K.
89-002851
89-004788
Brooks, Elizabeth W.
89-005360
Brooks, J. M.
89-004007
Brooks, P. M.
89-002875
89-003298
Brooks, Robert Alexander
89-005279
Brooks, Robert T.
89-002852
Broome, Linda S.
89-002954
Brosse, Sylvain
89-005642
Brosset, Andre
89-004460
Broutman, Marlene
89-003096
Broutman, Marlene A.
89-003064
Brown, A. S.
89-003345
Brown, Bryan T.
89-005107
89-005361
Brown, Christopher J.
89-004166
89-005108
Brown, Christopher R.
89-005024
Brown, Christopher Raymond
89-005025
Brown, J. H.
89-003458
Brown, J. L.
89-003842
Brown, Jerram L.
89-005298
Brown, Joel S.
89-002953
89-003459
89-003589
Brown, Mark
89-003073
Brown, Murray P.
89-005785
Brown, Patrick W.
89-003301
89-005292
Brown, Patti Powers
89-004789
Brown, R. G. B.
89-004790
Brown, Richard D.
89-002818
Brown, S. G.
89-003912
Brown, Susan G.
89-005719
Brown, W. H.
89-004184
Brown, William T.
89-002783
Brownell, Robert L., Jr.
89-003913
Broyer, J.
89-003805
Brtalik, W. R.
89-004129
Bruggers, David John
89-005299
Bruning, Donald
89-005300
Bruning, Donald F.
89-005427
Bruno, Elisabetta
89-004167
Bruns, Volkmar
89-003399
Brush, Alan H.
89-005426
Brush, T.
89-004623
Bryan, Larry
89-004791
Bryan, Rodger
89-004163
Bryant, Fred C.
89-004115
Bryant, Hedy
89-004200
Brzorad, John
89-004624
Bub, Hans
89-005362
Buchanan, G. Dale
89-003400
Buchanan, Joseph B.
89-004792
Buck, Michael G.
89-002779

Buckland, S. T.
89-003914
89-003915
89-003916
Buckle, A. P.
89-003510
Buckley, R.
89-003074
Buergelt, Claus D.
89-003846
Buhyoff, Gregory J.
89-002819
89-003287
Buie, David E.
89-003843
Bull, C. M.
89-005720
Bull, Evelyn L.
89-005109
Bullock, D. J.
89-003405
Bunck, Christine M.
89-002820
89-004593
Bunnell, F. L.
89-003721
Bunnell, Fred
89-003778
Burbidge, Andrew A.
89-003277
Burda, Hynek
89-003399
Burger, Joanna
89-004504
89-004793
89-004972
89-004973
89-004974
89-005042
89-005721
Burggraeve, Guido
89-004799
Burggren, Warren W.
89-005623
Burghardt, Gordon M.
89-005722
Burkett, Esther
89-004806
Burkholder, Gary L.
89-004794
Burley, Jon Bryan
89-002971
Burneleau, G.
89-005094
Burnham, William A.
89-005110
Burns, Jennifer
89-002972
Burns, M. D.
89-004927
Burr, Timothy A.
89-004648
Burt, Jim
89-004584
Burton, Donald L.
89-004307
Burton, Harry R.
89-003950
Burton, John D.
89-005723
Burton, Kenneth
89-005072
89-005363
Busch, Beatrice
89-005055
Busch, Cristina
89-003590
Busetto, Elia Maurizio
89-004795
Bush, M.
89-003750
89-004198
Bush, Mark
89-004807
Buskirk, James R.
89-005724
Buskirk, Steven W.
89-003806
89-003807
89-003808
Bustnes, Jan Ove
89-004679
Busto, Benjamin
89-004956
Butcher, D. R.
89-004060
Butcher, Gregory S.
89-004441
89-004643
Butet, A.
89-003310
Buth, Donald G.
89-005834
Butler, P. J.
89-004715
Buttemer, William A.
89-005574
Butterworth, D. S.
89-003916
89-003917
89-003918
Buttrey, George Watkins
89-003844
Butynski, Thomas M.
89-005111
Buxton, D.
89-004176
Buxton, Nigel E.
89-004796
Bykovskii, V. A.
89-003460
Byrd, Mary L.
89-004168
Byrkjedal, Ingvar
89-004797
Cade, Tom J.
89-005110
Cahoon, Peter
89-005255
Cain, Brian
89-004647
Cairns, John, Jr.
89-003056
Calef, George W.
89-004298
Calhoon, Robert E.
89-003845
Caligiuri, Randy
89-003846
Call, C. A.
89-003210
Callicott, J. Baird
89-002973
Camarra, J. J.
89-003703
Cameron, Guy N.
89-003610
89-003655
Cameron, I. S.
89-003957
89-003958
89-003959
Cameron, Ian S.
89-003960

Campagna, Claudio
89-003919
Campbell, Jonathan A.
89-005725
Camper, Jeffrey D.
89-005624
Campos Ramirez, Rafael G.
89-005499
Canfield, P. J.
89-003362
Canney, Donna Hill
89-003401
Canova, Luca
89-004631
Cant, R. G. H.
89-004461
Canterberry, James H.
89-003075
Capparella, A. P.
89-005426
Caramaschi, Ulisses
89-005625
Carey, G. J.
89-005090
Carlile, David W.
89-004511
Carlisle, C. H.
89-003345
Carlson, Linda Lou
89-003591
Carlson, Steve
89-004331
89-004725
89-004798
Carlstead, Kathy
89-003592
Carmi-Winkler, N.
89-004585
Carney, Daniel W.
89-003704
Caro, T. M.
89-003311
Carothers, John Henderson
89-005726
Carothers, Steve
89-004398
Carothers, Steven W.
89-003108
Carpenter, Arthur L.
89-004551
Carpenter, Hope A.
89-005112
Carpenter, James W.
89-005113
Carpenter, Thomas W.
89-004551
Carreira, J. C. A.
89-003356
Carrier, David Rodgers
89-005727
Carrier, Michael
89-003846
Carroll, Geoffry M.
89-003952
89-003953
Carroll, Richard W.
89-004221
Carroll, Robert L.
89-005728
Carter, C. Sue
89-003592
Carter, H. C.
89-004833
Carter, Virginia
89-003076
Carter, W. Ellis
89-003859

...CONTINUED...
Carter, W. Ellis
89-003860
Cary, John R.
89-004432
Casey, Richard Michael
89-005364
Cassells, D. S.
89-003227
Castelijns, Henk
89-004799
Castle, Marc Daniel
89-004599
Castro-Herrera, Fernando
89-005729
Castro, Gonzalo
89-004442
Caswell, F. Dale
89-004665
Catalan, J.
89-003372
Caughley, G.
89-003278
Caussimont, G.
89-003705
Cave, A. J.
89-005133
Cawthorn, M. W.
89-003920
Cayford, John Trevor
89-004800
Cayrol, C.
89-005632
Ceballos, Olga
89-005134
Cecil, Robert
89-004801
Cerdas, Luis
89-005852
89-005853
89-005854
Cezilly, Frank
89-004802
89-004803
89-004804
Chabovsky, A. V.
89-003593
Chabreck, Robert H.
89-003077
Chakraborty, S.
89-003292
Chalmers, M. L.
89-004337
89-004552
89-004625
Chan, Eng-Heng
89-005730
Chang Jiachuan
89-004805
Chang, Chun-Chang
89-005870
Chanson, J. M.
89-005114
Chapin, Ross E.
89-004317
Chapman, Brian R.
89-005026
Chapman, J. D.
89-003228
Chapman, Joseph A.
89-003790
Chapman, Norma G.
89-004140
Chapman, P.
89-003097
Chapman, S. B.
89-003057

Chapman, W. L., Jr.
89-003330
89-003370
Chapuis, J. L.
89-003310
Chardine, John W.
89-004644
Charland, M. Brent
89-005731
Charnock, J. S.
89-004222
Chattopadhyay, Srikumar
89-004580
Chaudhuri, Santasri
89-005301
Checkley, D.
89-003097
Chen Peixun
89-003921
Chen Zhao-Qing
89-004626
Cheng, Christine
89-003078
Cheng, Tso-Hsin
89-005365
Cherfas, Jeremy
89-002974
Chescheir, G. M.
89-003079
Chettamart, Surachet
89-002876
Chew, Ho Hua
89-003922
Chiappe, Aldo A.
89-005461
Chiari, E.
89-003347
89-003427
Chihuly, Mark A.
89-003747
Chilelli, Maryellen
89-004074
Ching, Hilda Lei
89-004680
Chinonavanig, Leera
89-005732
Chiszar, David
89-002975
Chiva, M.
89-005733
Choi, Kwan
89-002962
Choo, Yew-Kuan
89-002831
Chow, Leslie S.
89-003696
Chow, P. H.
89-003665
Christensen, Alan
89-003771
Christiansen, J. L.
89-005734
Christiansen, K. A.
89-003058
Chu, Kevin Charles
89-003923
Chu, Yi-Te
89-002831
Chung, Menger
89-005785
Ciaccio, Andrea
89-004726
Ciani, Carlo
89-004553
Cibien, C.
89-004123
Cicnjak, Lidija
89-003706
89-003714
Citino, Scott B.
89-004223
Claar, James J.
89-003707
Clairain, Ellis J., Jr.
89-003080
89-003125
89-003154
Clapp, Roger B.
89-005256
Clapperton, B. Kay
89-003809
Clark, Bryon K.
89-003594
Clark, Christopher W.
89-003924
Clark, Clair O.
89-002784
Clark, Donald R., Jr.
89-003315
Clark, J. A.
89-004492
Clark, James Matthew
89-002976
Clark, John R.
89-003081
Clark, Joseph D.
89-003758
Clark, Larry
89-005320
Clark, Richard K.
89-004182
Clark, W. R.
89-003794
Clarke, Charles
89-003113
Clarke, J. R.
89-003588
Clarke, Janet T.
89-003925
Clarke, Michael F.
89-005366
Clarke, R.
89-003926
Clarke, R. T.
89-003057
Clarke, Robert
89-003927
Clarke, Roger
89-004554
Clarkson, K.
89-005351
Clavijo A., J.
89-004305
Clawson, Richard L.
89-003315
Clay, Mary Ellen
89-003431
Claypoole, Kim
89-005027
Clayton, N. S.
89-005367
89-005368
Clearwater, Denise H.
89-003790
Clemens, Daniel Theodore
89-005369
Clevenger, Anthony P.
89-003708
Cline, Keith W.
89-005151
89-005197
Clinite, Edward W.
89-003861

- Clothier, Richard H.
  - 89-005680
- Cobb, George
  - 89-004524
- Cochran, Philip A.
  - 89-005626
- Cochran, William W.
  - 89-005115
- Coe, Jon C.
  - 89-004224
- Coetzee, H. J.
  - 89-003279
- Coffin, Barbara
  - 89-002915
- Cogger, Harold G.
  - 89-005594
- Cohen, Robert R.
  - 89-005370
- Colas, Alain
  - 89-004338
- Cole, Ronald E.
  - 89-005257
- Collazo, Jaime A.
  - 89-004339
- Collet, Anne
  - 89-003928
  - 89-003929
- Colley, Stewart A.
  - 89-005627
- Collins, Charles T.
  - 89-004806
- Collins, D. A.
  - 89-003311
- Collins, D. C.
  - 89-004251
- Collins, Joseph T.
  - 89-005880
- Collins, Paul W.
  - 89-005116
- Collins, William E.
  - 89-004225
- Collopy, Michael W.
  - 89-004829
  - 89-004843
  - 89-005117
- Combs, Daniel Lamar
  - 89-004681
- Congdon, Justin D.
  - 89-005735
  - 89-005736
- Connolly, M. S.
  - 89-003568
- Connor, J. R.
  - 89-003212
- Conrad, C. Eugene
  - 89-002877
  - 89-005504
- Conrad, Michael P.
  - 89-005383
- Conroy, Michael J.
  - 89-004682
- Conry, Paul J.
  - 89-002977
- Contreras, Alan
  - 89-005371
- Contreras, Andres Oscar
  - 89-005373
- Contreras, Julio Rafael
  - 89-003402
  - 89-003595
  - 89-005118
  - 89-005119
  - 89-005258
  - 89-005372
  - 89-005373
  - 89-005374
- Contreras, Luis C.
  - 89-003295
- Conway, A. J.
  - 89-004169
- Cooch, E. G.
  - 89-004741
- Cook, Justin G.
  - 89-003930
  - 89-003931
  - 89-003932
  - 89-003933
- Cook, Robert M.
  - 89-004545
- Cooke, F.
  - 89-004741
- Cooke, Fred
  - 89-004960
- Cooke, Richard G.
  - 89-004807
- Cooper, J.
  - 89-002868
- Cooper, J. E.
  - 89-003379
- Cooper, John E.
  - 89-005120
- Cooper, Josephine S.
  - 89-003082
- Cooper, William E., Jr.
  - 89-005737
  - 89-005738
- Coquette, Philippe
  - 89-004905
- Corben, C. J.
  - 89-004827
- Corben, Chris
  - 89-004808
  - 89-004809
- Corbit, Dann R.
  - 89-003985
  - 89-004031
- Cordes, Carroll L.
  - 89-004634
- Cornell, L.
  - 89-004042
- Cornell, L. H.
  - 89-003934
- Cornett, James W.
  - 89-005267
- Corse, C. J.
  - 89-004993
- Corsetti, Luigi
  - 89-004340
- Corson, I. D.
  - 89-004155
- Cortone, Pino
  - 89-005241
- Coscarelli, K. P.
  - 89-004177
- Costanzo, Gary R.
  - 89-004682
- Costy, F.
  - 89-003676
- Cottaar, Fred
  - 89-005375
- Coulson, R. N.
  - 89-002845
- Coulter, A. R.
  - 89-005739
  - 89-005863
- Coulter, Malcolm
  - 89-004791
- Coulter, Malcolm C.
  - 89-004810
  - 89-004819
  - 89-005003
- Courbet, P.
  - 89-005114

Covacevich, J.
89-005740
Cox, G. W.
89-003596
Cox, George W.
89-003597
Cox, William A.
89-005755
Coy, Pamela L.
89-004101
Coyle, Peter
89-005558
Crabtree, Robert L.
89-002954
Craig, A.
89-005376
Craig, A. J. F. K.
89-005302
Cranfield, Michael
89-004132
89-004282
Cranford, Jack A.
89-002955
Crawford, Hewlette S.
89-004099
89-004462
Crawford, Kenneth Mark
89-005741
Crawford, Walter C., Jr.
89-005121
89-005122
89-005123
89-005124
89-005219
89-005247
Creed, William A.
89-003867
Creemers, R. C. M.
89-005861
Creighton, G. Ken
89-003348
Cress, Gary A.
89-005125
Cresswell, Warren James
89-003810
Crews, David
89-005786
Crichton, Elizabeth G.
89-003403
89-003416
Cringan, Alexander T.
89-004372
Cristaldi, M.
89-003316
Crites, Mark Jeffery
89-004600
Crivelli, Alain J.
89-005028
Crockett, Carolyn
89-002978
Crome, F. H. J.
89-004627
Cronce, Terry
89-004213
Cronshaw, James
89-004693
Crook, J. R.
89-005509
Croset, H.
89-003372
Crother, Brian I.
89-005742
Crowe, T. M.
89-004384
Croxall, J. P.
89-004656

...CONTINUED...
Croxall, J. P.
89-005030
Crumb, Dorothy W.
89-005268
Crump, Douglas R.
89-003809
Crump, Martha L.
89-005628
Crumpton, William G.
89-003083
Cruz, Alexander
89-005280
Cuddihy, Linda W.
89-002796
Cui Xue-Zheng
89-004590
Cukierski, Mark A.
89-003404
Culberson, D. E.
89-004283
Cummings, Meri Veronica
89-005029
Cummins, Joseph E.
89-003317
Cunningham van Someren, G. R.
89-005131
Cunningham, Robert W.
89-003798
Cupo, P.
89-005743
Curio, E.
89-004308
Currie, G. J.
89-003387
Curry-Lindahl, Kai
89-002853
Curry, Robert L.
89-005377
Curtis, Paul D.
89-004593
Cush, P. F.
89-003977
Custer, Thomas W.
89-004647
89-004811
Czechura, Greg
89-004808
Czechura, Gregory V.
89-004463
Czechura, Robin E.
89-004463
Czekala, N. M.
89-003750
89-004042
89-004247
Czekala, Nancy M.
89-004267
Czernay, Siegfried
89-005744
D'Herbes, J. M.
89-004629
Daan, S.
89-005133
Daan, Serge
89-005190
Dabelsteen, Torben
89-005378
Dahl, Hans A.
89-004689
Dahl, K. D.
89-003750
89-004042
Dahl, Thomas E.
89-003084
Daiber, Franklin C.
89-003085

Daimon, T.
  89-005745
Dalby, Graeme
  89-004567
Dalton, Leslie M.
  89-004036
Dalton, Stephen
  89-005379
Daniel, J. C.
  89-003086
Daniel, John C.
  89-002979
Daniel, Terry C.
  89-003287
Danielsdottir, A. K.
  89-003935
Danielsen, Rolf
  89-005281
Danielson, Leon E.
  89-003087
Dargen, C. M.
  89-004042
Darling, Laura M.
  89-003709
Darms, K.
  89-004278
Darveau, M.
  89-004628
Das, S. C.
  89-003834
Dathe, Heinrich
  89-004812
  89-005126
  89-005127
Daturi, Augusta
  89-005033
Daugharty, D. A.
  89-003090
David, Johnson E.
  89-002878
David, Larry M.
  89-002811
Davidsen, Aki
  89-003313
Davidson, Lynn M.
  89-005380
Davidson, William R.
  89-004594
Davies, D. G.
  89-003528
Davies, M.
  89-005696
Davies, N. B.
  89-004464
  89-004465
Davis, David E.
  89-003461
Davis, Ilse
  89-005128
Davis, J. E.
  89-005206
Davis, J. R.
  89-002780
Davis, M. R.
  89-002794
Davis, Mark Stephen
  89-005629
Davis, P. E.
  89-005206
Davis, R. W.
  89-005030
Davis, Wayne H.
  89-005381
Davison, G. W. H.
  89-004581
Dawson, A.
  89-005336
Dawson, Stephen M.
  89-003936
  89-003937
  89-004029
Dawson, Terence J.
  89-005574
Day, Thomas Arthur
  89-003529
Dayan, T.
  89-003677
De Beer, John
  89-004382
de Bruijn, Onno
  89-005129
De Bruin, M.
  89-004514
de By, Rolf A.
  89-004329
  89-004341
de Chambrier, Alain
  89-005746
de Fabro, Sofia P.
  89-004609
de Graaf, G. J.
  89-004534
de la Mare, William K.
  89-003938
  89-003939
de Lahunta, Alexander
  89-004183
de Naurois, Rene
  89-004813
de Queiroz, Kevin
  89-005757
  89-005758
  89-005764
de Rijk, J. H.
  89-003440
de Rouw, Peter W. W.
  89-004433
de Santo, Toni
  89-004947
De Schutter, Geoffroy
  89-004814
  89-004815
de Smet, Gunter
  89-005382
De Smet, Ken D.
  89-005383
De Swardt, Dawid
  89-005130
de Villafane, G.
  89-003598
de Vos, V.
  89-003279
  89-004180
Dean, Frederick C.
  89-003710
  89-003773
Dean, Tim
  89-004555
Dean, W. R. J.
  89-004683
Deane, M. P.
  89-003350
  89-003356
Dearden, Boyd L.
  89-003730
DeBenedictis, Paul A.
  89-004342
Deeming, D. C.
  89-005747
deForest, Leah N.
  89-005242
Degen, A. A.
  89-004585

AUTHOR INDEX

Degen, A. Allan
89-004586
89-005816
Degros, Emile
89-004980
Dein, F. Joshua
89-004816
Dejours, Pierre
89-002941
Del Giudice, Glenn David
89-004100
Delany, Michael F.
89-004817
89-005748
Delfino, Giovanni
89-005630
Deliberto, Thomas J.
89-004115
Delibes, M.
89-003880
Delibes, Miguel
89-003671
Delikat, Donald S.
89-002942
Demaria, C.
89-004226
DeMaster, Douglas
89-003778
Demian, Emile S.
89-003462
Demong, Natalie J.
89-004832
Dempsey, Joanne
89-004818
Denholm, L. J.
89-004061
89-004062
89-004063
Denninger, Melanie F.
89-003151
Dennis, M. K.
89-004343
Dennis, Nona B.
89-003088
Dennis, R. H.
89-004677
Denslow, Julie Sloan
89-005589
Deparis, P.
89-005632
Depkin, F. Chris
89-004819
Depuit, Edward J.
89-003209
DeRoia, Deidre M.
89-004684
Derrickson, Scott
89-004862
Derting, Terry L.
89-002955
Desai, J. H.
89-004124
DeSante, David F.
89-005384
89-005385
Desgranges, J.-L.
89-004628
Desjeux, P.
89-003329
Desportes, G.
89-003906
89-004002
Desser, S. S.
89-005615
Destre, R.
89-003805
Devenport, Jill A.
89-003530
DeVito, Emile Dominick
89-004344
DeWeese, L. R.
89-004508
DeWeese, Lawrence R.
89-002859
Dewhurst, C. F.
89-005131
Dewhurst, Donna A.
89-005016
Dewsbury, Donald A.
89-004227
Di Fabrizio, Fernando
89-004752
Di Giorgio, Aldo
89-004944
Dial, Kenneth P.
89-003599
Diamond, Jared
89-002808
Diamond, R. S.
89-003089
Dias, J. C. P.
89-003347
Dick, Gerald
89-004727
89-004728
89-004820
Dick, R. C.
89-003090
Dick, Thomas M.
89-003940
Dickens, Glen
89-004162
Dickens, Glen C.
89-004170
Dickman, C. R.
89-003600
Dickson, James G.
89-004345
Dierenfeld, Ellen S.
89-005132
Dieterlen, F.
89-003601
Dijkstra, C.
89-005133
Dijkstra, Cor
89-005190
Dillberger, J. E.
89-003811
DiMaria, Salvatore
89-002797
Dimmitt, Mark
89-003547
Dinep, Andrea
89-004821
Dingman, J. Steven
89-003070
Dinsmore, James J.
89-004346
Dinsmore, Steve
89-005386
DiPietro, Joseph
89-004556
Dittberner, Hartmut
89-004822
89-004823
89-005303
89-005387
89-005388
Dittberner, Winfried
89-004822
89-005303
89-005388

AUTHOR INDEX

Dittus, Wolfgang P. J.
89-004228
Divoky, George J.
89-004638
Djouninski, Emile
89-004309
Dmowski, K.
89-004505
Dobias, Robert J.
89-002907
Dobroruka, Ludek J.
89-004171
Dobrowolski, K. A.
89-004505
Dobson, F. Stephen
89-003602
Docherty, Douglas E.
89-004816
Dodd, Andrew M.
89-004824
Dodd, C. Kenneth, Jr.
89-005749
89-005750
Dodge, Wendell E.
89-004601
Doepker, Robert V.
89-004116
Doerr, Ted Bachman
89-004587
Dolan, James M., Jr.
89-004125
Dolbeer, R. A.
89-005304
Dolivo, M.
89-003586
Dolman, Teresa M.
89-005389
Donazar, Jose A.
89-005134
Doncaster, C. P.
89-003600
Donnellan, S. C.
89-005751
Donohue, Frank
89-002980
Donovan, Gregory P.
89-003913
89-003963
Dorokhov, L. A.
89-003205
Doroshenko, N. V.
89-003904
Dorowin, Heinrich
89-004729
89-004730
Dorzhiev, C. Z.
89-003542
Dost, Hans-Ulrich
89-004978
Doster, Gary L.
89-004594
Dostine, P. L.
89-003364
89-005031
Dougall, T. W.
89-004716
Doughty, Robin W.
89-005390
Douglas, David C.
89-003284
Doumu, A. E.
89-003018
Dove, Louise E.
89-002854
89-003013
Dowdey, Tanya Gail
89-005595
Dowell, S. D.
89-004588
Downer, Audrey
89-004347
Dowsett, R. J.
89-005135
Doyle, Arthur F.
89-003091
Drager, N.
89-004051
Draulans, Dirk
89-004825
Dreesen, David W.
89-002947
Dregne, H. E.
89-003190
Drennan, Matthew P.
89-004557
Driessens, Gerald
89-004433
Drost, Charles
89-005116
Dubey, J. P.
89-003346
Dubis, Douglas
89-003293
Dubock, A. C.
89-004506
DuBowy, Paul J.
89-003531
DuBowy, Virginia S.
89-003531
Dudley, C. O.
89-004496
Dudok van Heel, W. H.
89-003941
Duebbert, Harold F.
89-004674
Duellman, William E.
89-005631
89-005695
Duffield, D. A.
89-003987
Duffy, David C.
89-005032
Duffy, David Cameron
89-005033
89-005078
Duflon, Jean-Marc
89-004826
Duganzich, D.
89-004119
Duignan, P.
89-003977
Duke, E. J.
89-003935
Duke, G. E.
89-005034
Duke, Gary E.
89-002821
89-005136
89-005137
Dulin, Gary Stephen
89-004754
Dunbar, Donald C.
89-004229
Dunbar, J.
89-004723
Duncan, Douglas K.
89-004348
Duncan, K.
89-005005
Duncan, P.
89-004629
89-004685
Duncan, Ruth M.
89-004545

Dunham, Arthur E.
89-005735
Dunham, Fred O.
89-003092
Dunn, R. W.
89-005752
Dunne, Peter
89-005138
Duperrex, Hubert
89-004826
Dupont, H.
89-005632
Durant, Pedro
89-003441
Durant, S. M.
89-003311
Durrant, Barbara
89-004589
Dusi, Julian L.
89-004647
Duthie, A. G.
89-003442
Dutrillaux, B.
89-004230
89-004231
89-004279
Dutta, P. C.
89-004711
Duvall, David
89-005753
Dvir, Eran
89-005559
Dvorak, Michael
89-004731
Dyck, Jan
89-004507
Dyer, Melvin I.
89-003847
Dyer, Michael
89-005391
Dyer, William G.
89-005633
89-005634
89-005635
Dyke, Bennett
89-004234
Eades, D. W.
89-004827
Eakle, Wade L.
89-005139
Eales, Lucy A.
89-003405
Eberhardt, L. L.
89-003732
Eckert, Kim
89-004828
Edds, Peggy L.
89-003942
Edelson, Naomi A.
89-004829
Eden, S. F.
89-005305
Edwards, P. J.
89-003271
Edwards, Thomas C., Jr.
89-005117
Eguchi, Kazuhiro
89-005392
Ehmann, Harry
89-005754
Ehresman, B. E.
89-005220
Ehresman, Bruce L.
89-005140
Einsweiler, Sheila S.
89-004830
Ekenwa, Constance C.
89-005818
El-Din Selim, Mohammed Mohy
89-003463
El-Okby, L. M.
89-003498
Elaiwa Al Naggar, M.
89-003573
Elgar, H. J.
89-004155
Elgmork, Kare
89-003711
Elias, Donald J.
89-003464
Elias, Elias A.
89-003567
Elliot, Richard
89-004942
Elliot, Richard D.
89-004847
Elliott, Catherine Ann
89-004349
Elliott, E. G. R.
89-005330
Ellis, D. H.
89-004508
Ellis, David H.
89-005141
Ellis, Graeme
89-003943
Ellis, Kevin L.
89-004564
89-004831
Ellis, P. M.
89-004659
Ellis, R.
89-003695
Ellison, William T.
89-003924
89-004030
89-004031
Elowson, A. Margaret
89-005306
Ely, Craig R.
89-004732
Emlen, Douglas J.
89-004832
Emlen, John M.
89-002822
Emlen, Stephen T.
89-004832
Emmer, Rod E.
89-003093
Emslie, S.
89-004833
Engbring, John
89-002948
Enge, Kevin M.
89-005749
Engilis, Andrew, Jr.
89-005257
English, A. W.
89-004064
89-004065
89-004066
89-004067
89-004068
89-004069
89-004070
89-004126
89-004127
English, Jerome R.
89-002981
English, Kevin J.
89-002831
Engstrom, R. Todd
89-004630

Environmental Protection Agency
89-003094
Erard, Christian
89-005393
Erasmus, T.
89-004854
Erasmus, Theunis
89-004855
Erickson, Albert W.
89-003944
Eriksen, L.
89-004128
Erikstad, Kjell Einar
89-004679
Erlinge, Sam
89-003465
Ernst, Carl H.
89-005755
Ernst, R.
89-003969
Ero, I. I.
89-002982
89-002983
89-004302
Erwin, R. Michael
89-004834
Escherich, Peter C.
89-003839
Escobar, D. E.
89-002794
Escos, J.
89-004052
Esser, G.
89-003253
Estes, Richard
89-005756
89-005757
89-005764
Estevez, Ernest D.
89-003095
Estoppey, Francois
89-004835
Etheridge, Richard
89-005758
Evans, P. G. H.
89-003945
Evans, Raymond A.
89-003223
89-003224
Evans, Richard H.
89-003672
89-003791
89-004509
89-004546
Evans, Roger M.
89-005035
Evans, W. E.
89-003946
Everitt, J. H.
89-002794
Everson, Inigo
89-005048
Every, B.
89-005376
Evgenjeva, Tatyana P.
89-003947
Evrard, James O.
89-004755
Ewing, K. D.
89-005093
Ewins, Peter J.
89-004836
Ezealor, A. U.
89-004232
Faaborg, John
89-004316
Fabry, Z. I.
89-002924
Fachbach, Gunter
89-005636
Fain, A.
89-003552
Fairbrother, Anne
89-004510
Fairley, J. S.
89-003831
Falanruw, Marjorie C.
89-003406
Falk, H.
89-005307
Fall, Bruce A.
89-004837
Fall, Michael W.
89-003464
Falzone, Celia K.
89-005575
Fancher, Jack
89-004912
Fancher, Jack M.
89-005015
Fanshawe, J. H.
89-005237
Farag, Mohammad Sh.
89-003466
Farina, Almo
89-005259
Farkas, T.
89-004350
Farnsworth, N. R.
89-003242
Fasola, Mauro
89-004631
89-004838
Faulkes, C. G.
89-003603
Faure, J. M.
89-004710
Faus, F. V.
89-003563
Favata, Glenous
89-003285
Fawcett, James D.
89-005855
Fawell, J. K.
89-002943
Fawzy, Mohammed
89-003463
Fay, Francis H.
89-003948
Fayad, M. E.
89-003498
Fazil, Mohammad
89-003415
Fazlul Huq, A. K. M.
89-002902
Fechtel, Linda S.
89-003334
Feldhamer, G. A.
89-004129
Feldhamer, George A.
89-003790
Fellers, Gary M.
89-005116
Fendley, T. T.
89-003438
89-003843
Fennessy, P. F.
89-004155
Fergman, Uri
89-005394
Ferguson, M. W. J.
89-005747

Ferkin, Michael H.
89-003604
Fernandes, A. J.
89-003347
Fernando, S. B. U.
89-003842
Ferral, D. P.
89-004621
Ferraz Filho, A. N.
89-003361
Ferreira-Silva, M. C.
89-003357
Ferrer, C.
89-005825
Ferron, J.
89-003540
89-004924
Festa-Bianchet, Marco
89-004172
Ficken, Millicent Sigler
89-004466
Fiebig, J.
89-005395
Fiedler, Georg
89-004839
Fiedler, Lynwood A.
89-003467
Field, Don W.
89-003064
89-003096
Fies, Michael L.
89-003712
Filippich, L. J.
89-003345
Filipski, Valerie
89-004225
Fillat, F.
89-003705
Finck, Elmer J.
89-003594
Findholt, Scott L.
89-004840
89-005036
89-005037
Findlay, John III
89-005396
Fink, Todd
89-004351
Finlay, Ted W.
89-004252
Finne, J.
89-004702
Finne, Jaako
89-004914
Finney, George H.
89-004872
Fischer, K.
89-004130
Fischer, M. S.
89-003949
Fisher, F. M.
89-003630
Fitzgerald, V. J.
89-003605
Fitzgibbon, C. D.
89-003311
Fitzhugh, E. Lee
89-004164
Fitzner, Richard E.
89-004511
Fitzpatrick, James
89-005204
Fitzpatrick, Lloyd C.
89-004857
Fitzwater, William D.
89-003468
Flamand, J. R. B.
89-003324
Fleagle, John G.
89-004233
Fleharty, Eugene D.
89-003656
Fletcher, James E.
89-002994
Flett, Mary Anne
89-005397
89-005419
Flinders, Jerran T.
89-003864
Florence, Scott R.
89-002781
Focardi, S.
89-005230
Focardi, Silvano
89-004512
89-004520
Fog, Kare
89-005596
89-005597
89-005598
89-005622
89-005637
89-005638
89-005639
Fog, M.
89-004666
89-004686
89-004687
89-004733
Folger, David C.
89-004557
Folk, Martin J.
89-004841
Follmann, Erich H.
89-003765
Folse, L. J.
89-002845
Fons, R.
89-003372
Font, Enrique
89-005835
Foppen, R. P. B.
89-005133
Ford, Neil B.
89-005759
Foresman, Kerry R.
89-003713
Forman, G. Lawrence
89-003407
Formanowicz, Daniel R., Jr.
89-005760
Formas, J. Ramon
89-005640
Forrest, Steven C.
89-003808
Forrester, Donald J.
89-004657
Forshaw, C. J.
89-004842
Forsman, K. A.
89-003373
Foschi, Ugo F.
89-005254
Fossi, Cristina
89-004512
89-004520
Foster, Johanna
89-003606
Fothergill, Kent A.
89-004877
Fowler, J. A.
89-005038

Fowler, Norman E.
89-004352
Fowler, S. V.
89-003097
Fox, A. D.
89-004737
Fox, N. C.
89-005142
Fragaszy, Dorothy M.
89-004274
Frank, Craig L.
89-003607
Frank, Nancy C. A.
89-003394
Frankenberg, E.
89-003678
Franklin, Thomas M.
89-004353
Franklin, Wilbur A.
89-003859
89-003860
Franzen, Robert W.
89-003065
Franzmann, Albert W.
89-003770
Franzreb, Kathleen E.
89-004354
89-005398
89-005399
Fraser, Mike
89-005471
Fraticelli, Fulvio
89-005400
Frederick, Peter C.
89-004843
Fredrickson, Larry F.
89-003848
Freed, Mara Grady
89-005871
Freed, Paul S.
89-005871
Friedrich, Ursula
89-003893
Frieswyk, Thomas S.
89-002852
Frikke, John
89-005143
Frisman, L. V.
89-003548
Frith, C. B.
89-005401
Frith, D. W.
89-005401
Fritts, Thomas H.
89-002948
Fritzell, Erik K.
89-003294
89-004577
Frkovic, Alojzije
89-003714
Frohn, Robert C.
89-004355
Frohring, Paula C.
89-004632
Froke, Jeffrey B.
89-002984
Frost, G. Thomas
89-004288
Frugis, S.
89-005451
Fruzinski, Boguslaw
89-004135
Fry, D. Michael
89-004513
89-005039
Fryer, G. I.
89-003254
Fuchs, E.
89-004220
Fuchs, P.
89-005244
Fujimaki, Yuzo
89-004844
Fuller, M. R.
89-005064
89-005213
Fuller, Mark R.
89-002823
89-002824
89-004560
89-005144
89-005201
Fuller, Phillip J.
89-003277
Fuller, T. K.
89-003849
Fuller, Todd K.
89-003679
89-004101
Fuller, Todd King
89-003680
Furet, Loic
89-003850
Furilla, R. A.
89-005761
Fyfe, Richard W.
89-005153
Gaasenbeek, C. P. H.
89-004536
Gabel, Robert R.
89-005113
Gabrielsen, Geir W.
89-004689
Gage, Timothy B.
89-004234
Gagnon, Paul M.
89-003713
Gaines, Sarah
89-005402
Galbraith, H.
89-004845
89-005005
Gale, Steven W.
89-005403
Galeazzi, A. R.
89-003955
89-003956
89-003957
89-003958
89-003997
Galeazzi, Alejandro R.
89-003960
Gales, Nicholas J.
89-003950
Gallagher, J. F.
89-004102
89-004187
Galliari, Carlos A.
89-003402
Gamage, Asoka
89-003986
Gamauf, Anita
89-005145
Gangolli, Sharat D.
89-004246
Gans, Carl
89-005762
Gantt, L. K. (Mike)
89-003087
Gao Wei
89-004565
Gao Zhongxin
89-004565

Garba, B.
  89-004921
Garcelon, David K.
  89-005146
Gardner, Alfred L.
  89-003348
Gardner, D. A.
  89-005040
Gardner, W. A., Jr.
  89-004283
Gargioni, Ezio
  89-004795
Gariboldi, Armando
  89-004838
Garner, Gerald W.
  89-003339
Garner, Nathan P.
  89-003715
Garnett, S. T.
  89-005763
Garrison, Barrett A.
  89-005147
  89-005404
Garrod, Jean D.
  89-005576
Garshelis, David L.
  89-003716
Gasith, A.
  89-005683
Gaskin, D. E.
  89-003951
Gaskin, Jack M.
  89-004223
Gass, Clifton Lee
  89-005262
Gaston, A. J.
  89-004846
Gaston, Anthony
  89-004942
Gaston, Anthony J.
  89-004847
Gates, J. Edward
  89-005422
Gatesman, T. J.
  89-004220
Gatten, Robert E., Jr.
  89-005667
  89-005736
Gatter, Wulf
  89-004603
Gatz, Thomas A.
  89-005148
Gaucher, Philippe
  89-005149
Gaudet, Connie L.
  89-003134
Gaur, Sharad
  89-002878
Gauthier, Jacques
  89-005757
  89-005764
Gavrilov, E. I.
  89-004848
Gavrilov, V. V.
  89-004849
Gawlick, D. E.
  89-004621
Geaghan, James P.
  89-005016
Gebauer, Axel
  89-004889
Geburek, Th.
  89-004071
Geffen, Alice M.
  89-004356
Geis, Aelred D.
  89-002985

...CONTINUED...
Geis, Aelred D.
  89-002986
Geiser, Fritz
  89-005641
Geissley, Paul H.
  89-002824
Geist, Valerius
  89-004117
Gellert, Merav
  89-005282
Gellini, Stefano
  89-005254
Gemmell, R. T.
  89-003369
Genoud, M.
  89-003374
Genoud, Michel
  89-003384
Gentleman, Robert
  89-004050
George, C.
  89-003586
George, John C.
  89-003952
  89-003953
  89-004036
George, L. M.
  89-004291
George, M.
  89-004020
George, Wilma
  89-003608
Gerken, Diane
  89-003318
Geroudet, Paul
  89-004357
  89-004633
Gerson, Helen B.
  89-003851
Gese, Eric M.
  89-003681
Gessaman, James A.
  89-005150
Getson, Pam
  89-003791
  89-003792
Gettinger, D.
  89-003299
Getz, Lowell L.
  89-003375
Gev, H.
  89-003647
Gewalt, Wolfgang
  89-004173
  89-004850
Ghebremeskel, K.
  89-003051
  89-005040
  89-005041
  89-005043
Gibbons, David Wingfield
  89-004851
Gibbs, Harold Lisle
  89-005405
Gibson, David J.
  89-003191
Gienc, Jan
  89-003376
Giering, Bodo
  89-004334
Gifford, Dan
  89-005386
Gil-Delgado, J. A.
  89-004467
  89-005342
Gilbert, Barrie K.
  89-003723

AUTHOR INDEX

- Gilbert, James R.
  - 89-003852
  - 89-003954
- Gilbert, Nancy
  - 89-005555
- Gill, J. M.
  - 89-003812
- Gill, Tracy A.
  - 89-004638
- Gilliam, J. W.
  - 89-003079
- Gilligan, Jeff
  - 89-004852
- Gilliland, S.
  - 89-004702
- Gilliland, Scott
  - 89-004914
- Gillis, J. E.
  - 89-005765
- Gilmour, D. A.
  - 89-003227
- Gilpin, Michael E.
  - 89-002802
  - 89-003257
- Ginter, A.
  - 89-003676
- Giraudoux, P.
  - 89-005114
- Giron Pendleton, Beth A.
  - 89-005151
  - 89-005197
- Girton, Philip
  - 89-003993
- Gist, Daniel H.
  - 89-005766
- Giusti, Gregory A.
  - 89-003717
- Glagov, Seymour
  - 89-003859
  - 89-003860
- Glass, Steve
  - 89-002879
- Glassel, Raymond
  - 89-004853
- Glazebrook, J. S.
  - 89-005767
- Gliwicz, Joanna
  - 89-003609
- Glosser, James W.
  - 89-002987
- Gnielka, Reinhard
  - 89-005406
- Gnisci, Rosanna
  - 89-005317
- Goatcher, Buddy L.
  - 89-004164
- Gochfeld, Deborah
  - 89-005042
- Gochfeld, Michael
  - 89-004504
  - 89-004793
  - 89-004973
  - 89-005042
- Goede, A. A.
  - 89-004514
- Goetz, Ronald E.
  - 89-004358
- Gogan, Peter J.
  - 89-004164
- Gogniat, A.
  - 89-003586
- Goldstein, H.
  - 89-005407
  - 89-005408
- Goldstein, Hava
  - 89-005409
- Gomez, Eduardo A.
  - 89-003327
- Goo, Donovan S.
  - 89-002877
- Good, Jackie
  - 89-004589
- Good, Ralph E.
  - 89-003153
- Goodall, R. N. P.
  - 89-003955
  - 89-003956
  - 89-003957
  - 89-003958
  - 89-003959
  - 89-003997
- Goodall, Rae Natalie Prosser
  - 89-003898
  - 89-003960
- Goodman, D.
  - 89-003909
- Goodman, P. S.
  - 89-003047
  - 89-004169
- Goodman, Steven M.
  - 89-002956
  - 89-005152
- Goodrowe, K. L.
  - 89-003842
- Goodwin, D. F.
  - 89-005577
- Goodwin, Derek
  - 89-004611
- Goodyer, Nick
  - 89-004824
- Goossen, J. Paul
  - 89-005269
- Gorbunov, Ju. A.
  - 89-003902
- Gorman, Owen T.
  - 89-003532
- Gosalbez, Joaquim
  - 89-003378
- Gosch, B.
  - 89-004130
- Gosling, L. M.
  - 89-003553
- Gosling, Morris
  - 89-003554
- Gotoh, Y.
  - 89-005745
- Goudie, R. Ian
  - 89-004688
- Gould, Gina C.
  - 89-004168
- Gould, Gordon I., Jr.
  - 89-003853
  - 89-003872
- Gould, K. G.
  - 89-004251
- Gowda, T. Veerabasappa
  - 89-005874
- Graber, David M.
  - 89-003696
- Grafodatskii, A. S.
  - 89-003682
- Gramet, Philippe
  - 89-003564
- Granchi, Ettore
  - 89-005410
- Grandin, Barbara E.
  - 89-002988
- Grandjean, Philippe
  - 89-004507
- Grant, Bruce William
  - 89-005768
- Grant, Peter R.
  - 89-005411

AUTHOR INDEX

Grant, W. E.
89-002845
89-004177
89-004187
89-004188
Grassman, M. A.
89-005859
Gratson, Michael W.
89-004566
Gratz, N. G.
89-003469
Gratz, Norman G.
89-003470
Grau, C. R.
89-005572
Graur, D.
89-005769
Grav, Hans J.
89-004689
Graves, Brent M.
89-005770
Graves, Brent Michael
89-005771
Graves, S. R.
89-003323
89-005772
Graves, Walter C.
89-003235
Gray, D. A.
89-004854
Gray, David A.
89-004855
Greaves, James M.
89-005412
Green, Michael J. B.
89-004174
Green, W. J.
89-005803
Greene, Harry W.
89-005722
89-005795
Greenlaw, Jon S.
89-002957
Greenwood, Craig J.
89-003733
Greenwood, Julian G.
89-004856
Greer, Richard D.
89-004634
Gregory, Michael J.
89-003610
Gregory, Patrick T.
89-005731
89-005773
Grenfell, William E.
89-003718
Greslin, Jim C.
89-003284
Grier, James W.
89-005153
Griffin, M.
89-003961
Griffith, Dennis Bradley
89-004103
Grillitsch, Martin
89-003814
Grimaldi, G., Jr.
89-003365
Grimaldi, Gabriel, Jr.
89-003327
Grismer, L. Lee
89-005774
89-005775
Groman, Hazel
89-003098
Groom, Martha J.
89-004468
Grootenhuis, J. G.
89-002949
Grossman, Mark R.
89-003335
Grothusen, John
89-005708
Groves, Craig
89-005599
Grubb, Peter
89-004175
Grubb, T. G.
89-004508
Grubb, Teryl G.
89-005154
Grulich, Ivo
89-003565
Grummt, Wolfgang
89-004812
Guckian, William J.
89-002785
Guerasimov, S.
89-003372
Guerra, Carlos G.
89-004857
Guillette, Louis J., Jr.
89-005753
Guinee, Linda N.
89-003962
Guitian, Jose
89-003383
Gulland, F. M. D.
89-004176
89-005043
Gulley, Jane
89-005155
Gunaratnam, D.
89-003262
Gunnlaugsson, Thorvaldur
89-003963
Gunther, Mary R.
89-004858
Gupta, P. D.
89-003964
89-004859
Gurtz, Sharon K.
89-003618
Gurung, Devi B.
89-004131
Gust, Deborah
89-004288
Gustafson, A. W.
89-003408
Gustafsson, Lars
89-005474
Gustin, Marco
89-005400
Gutierrez, Jose Maria
89-005854
Guttinger, Hans R.
89-005544
Guttman, Sheldon I.
89-005658
Gutzwiller, K. J.
89-004359
Guy, Pamela D.
89-003336
Guyetant, Robert
89-005642
Gwinner, E.
89-005307
Gwinner, Eberhard
89-005413
Haack, Andreas
89-004497
Haagen, James E.
89-002786

AUTHOR INDEX

Haase, B. J. M.
89-005044
Hackbarth, H.
89-003946
Haemig, Paul D.
89-005414
Haensckke, Wolfhard
89-004864
Haensel, Joachim
89-005415
Hafez, Jamal
89-003463
Haffer, J.
89-004360
Hafner, H.
89-004860
Hafner, Heinz
89-004861
Hagstrom, Torkel
89-005600
Haig, Susan
89-004862
Haigh, Jerry C.
89-004132
Haight, Lois T.
89-003107
Haila, Yrjo
89-005417
Hair, Jay D.
89-002989
89-003854
Hakansson, Eckart
89-004369
Haley, Donald E.
89-004994
Hall, George A.
89-004361
Hall, John D.
89-003943
Hall, M. A.
89-003965
Hall, Philip M.
89-005776
Hall, Ross
89-004133
Hall, Sam
89-003966
Hall, Stephen Porter
89-005777
Hallock, Dave
89-002990
Halpern, Mimi
89-005770
Halpin, C. G.
89-004078
Halpin, Zuleyma Tang
89-003635
Halse, N. J.
89-004635
Halse, S. A.
89-004635
Halstead, Jeffrey A.
89-005353
Halterman, Mary D.
89-005579
Hamann, Hans-Joachim
89-005416
Hamas, Michael J.
89-004863
Hamer, David
89-003719
89-003720
Hamilton-Attwell, V. L.
89-004185
Hamilton, A. N.
89-003695

...CONTINUED...
Hamilton, A. N.
89-003721
Hamilton, Barbara A.
89-004771
Hamilton, C. A.
89-004134
Hamilton, Layne L.
89-005156
Hamilton, W. T.
89-003212
Hamir, Amir N.
89-003793
Hammond, P. S.
89-003992
Hampe, Hans
89-004864
Hampton, Colleen Orth
89-002795
Hancock, Betsy
89-005157
Hancox, M.
89-003813
Hand, Schelle S.
89-003594
Handley, Charles O., Jr.
89-003382
Haney, J. Christopher
89-005045
Hanka, Ladislav R.
89-005308
Hanlon, Cathleen A.
89-003793
Hanmer, D. B.
89-004362
89-004489
89-004496
Hansen, Lars
89-005643
Hanski, Ilpo K.
89-005417
Hanson, J. D.
89-002825
Hanson, J. M.
89-003555
Hanson, M. Bradley
89-003944
Hanson, W. L.
89-003330
89-003370
Hansson, Lennart
89-003465
89-003471
Happel, Ruth
89-004235
Happold, D. C. D.
89-003409
Happold, M.
89-003409
Harcourt, Sylvia
89-005851
Harding, B. D.
89-005418
Hardy, Danita Sue
89-003533
Hardy, Donna FitzRoy
89-002991
Hardy, Joel D.
89-004734
Harestad, Alton
89-003800
Hario, Martti
89-004690
89-004699
Harjula, Riitta
89-004451
Harlow, Henry J.
89-003806

...CONTINUED...
Harlow, Henry J.
89-003808
Harold, R.
89-005158
Harper, David G. C.
89-005454
Harr, Douglas C.
89-005159
Harr, Rusty
89-004236
Harri, Mikko
89-003684
89-003818
Harrington, B. A.
89-004623
Harrington, Tom R.
89-004363
Harris, Alan
89-005508
Harris, John H.
89-005419
Harris, Larry D.
89-003059
Harris, M. P.
89-004865
89-005004
Harris, R. D.
89-005739
89-005863
Harris, Reid N.
89-005644
Harris, Richard B.
89-003722
Harris, Stanley W.
89-004789
Harrison, Colin
89-004364
Harrison, D. L.
89-003424
Harrison, Daniel J.
89-003683
Harrison, J. G.
89-004866
Harrison, Jeremy
89-002914
Harrison, P. A.
89-005659
Harroff, Hugh, Jr.
89-004237
Hart, W. G.
89-002794
Hartl, Gunther B.
89-003814
Hartley, W. J.
89-003812
Hartzog, George B., Jr.
89-002880
Harvey, K. J.
89-003323
89-005772
Harvey, Paul H.
89-003307
Harvey, Thomas E.
89-004867
Harwood, John
89-003967
Hasbrouck, J. J.
89-003794
Hash, A. B.
89-004098
Hashiguchi, Yoshihisa
89-003327
Hashimoto, A.
89-005566
Hashino, Eri
89-005560
Hashmi, Dean
89-004620
Haskins, James
89-004831
Haspel, Carol
89-003845
Hastings, Bruce C.
89-003723
Hatch, Scott A.
89-005046
Hatchwell, B. J.
89-004868
Hatfield, Jeff S.
89-004834
Hausman, Scott
89-003099
Havasi, Andras
89-005314
Havera, Stephen P.
89-002811
Haw, James A.
89-004336
Hawvermale, Mary Pratt
89-003968
Hayes, D. L.
89-003171
Hayes, Elizabeth
89-004707
Hayes, Floyd E.
89-004469
Haynes, C. Vance, Jr.
89-005152
Hazard, Katherine W.
89-004033
Hazel, Dennis
89-003854
Hazumi, Toshihiro
89-003724
89-003725
He Fen-Qi
89-004590
Heady, Harold F.
89-002992
Healy, Susan Y.
89-005561
Hearn, J. P.
89-004291
Heasley, John E.
89-003287
Heath, Darrell R.
89-005601
Heath, Ralph T., Jr.
89-002881
89-005047
89-005055
Heath, Robert T.
89-002944
Heathcote, R. L.
89-003192
Heatwole, Harold
89-005602
Hebblethwaite, M. L.
89-005509
Hecht, Susanna B.
89-003255
Hedges, Stephen Blair
89-005645
Heg, Dik
89-004869
Hegdal, Paul L.
89-005148
Heid, Petra
89-005544
Heideman, P. D.
89-003410
Heigham, J. B.
89-004365

AUTHOR INDEX

Heigham, P. E. O.
89-004365
Heinemann, Dennis
89-005048
Heinl, Steve
89-004366
Heinrich, Bernd
89-005309
Heinrich, George
89-005603
Heinsohn, Robert G.
89-005310
Heinze, Bernd
89-005224
Heise, Gunter
89-005160
Heise, M.
89-004691
Heitschmidt, R. K.
89-003193
Hejl, Sallie J.
89-004367
89-005273
Helle, Pekka
89-005443
Hellenthal, Ronald A.
89-003646
Hellgren, E. C.
89-004177
89-004187
Hellgren, Eric C.
89-003726
89-004188
Hellmich, Joachim
89-004870
Helmy Mohammad, A. H.
89-003472
89-003473
89-003474
Hembree, D.
89-003973
Hemery, Georges
89-005049
Hench, John E.
89-003256
Henderson, Carrol L.
89-003855
Henderson, P.
89-004833
Henderson, Robert P.
89-005384
Hendrickx, Andrew G.
89-004295
Henjum, Mark G.
89-005109
Henny, Charles J.
89-004511
89-004515
Henrichsen, Isgart
89-005108
Hensch, B.
89-004678
Henschel, J. R.
89-003889
Hentschke, J.
89-003969
Herholdt, J. J.
89-005283
Hering, S. E.
89-005743
Herna, E. C.
89-005208
Hernandez-Prieto, Enrique
89-005332
Hernandez, F.
89-005825
Hernandez, Lucina
89-003671
Herold, Jean-Pierre
89-005642
Heroldova, Marta
89-004178
Herrero, Stephen
89-003719
89-003720
89-003727
Herrington, Robert E.
89-005778
Herrmann, Christof
89-004871
Herrmann, Klaus
89-005420
Herron, Gary B.
89-004515
Hertog, Anthony L.
89-005161
Hess, David L.
89-004295
Hestbeck, Jay B.
89-004735
Hetz, Peter
89-003026
Heuer, Kurt
89-004412
Heuschele, Werner P.
89-004053
Hicklin, Peter W.
89-004872
Higgs, William F.
89-003448
Highsmith, R. Tod
89-005421
Higuchi, Hiroyoshi
89-004470
Hijazi, Amal S.
89-005669
Hikida, T.
89-005822
Hikida, Tsutomu
89-005779
89-005780
Hill, Brian
89-004516
Hill, S. D.
89-003271
Hill, Steven R.
89-005422
Hillenius, D.
89-005781
Hillis, David M.
89-005695
Hilton, Henry
89-003856
Hindell, Mark A.
89-003349
89-005050
89-005051
Hindmarsh, M.
89-003286
Hines, Thomas C.
89-003836
Hirai, K.
89-005566
Hiraldo, Fernando
89-003671
Hirschfeld, Erik
89-004368
89-004692
Hishinuma, Mitsugu
89-004194
Hissa, Raimo
89-004451

AUTHOR INDEX

Hjertaas, Dale G.
89-005423
Hjertaas, Paule
89-005423
Hjort, Christian
89-004369
Hnida, John A.
89-004054
Hoban, Thomas J.
89-003126
Hobbs, J. N.
89-005562
Hobbs, Richard
89-002864
Hobson, Keith A.
89-005052
89-005424
Hochman, Howard
89-004304
Hockey, P. A. R.
89-004873
Hodges, J. K.
89-002916
89-004271
Hodges, J. R.
89-005563
Hodges, Robert
89-004030
Hodgkinson, K. C.
89-003221
Hodgkinson, N. L.
89-003812
Hodgson, A. N.
89-003396
Hodson, D.
89-005038
Hoerschelmann, Heinrich
89-004497
Hoffman, L.
89-004685
Hoffman, L. H.
89-003411
Hoffman, R. S.
89-003548
Hoffman, Wayne
89-004976
Hofmann, Joyce E.
89-003611
Hofmann, Reinhold R.
89-004135
Hofmeister, R.
89-003969
Hogg, Angus
89-004370
Hoglund, Jacob
89-005646
Hogstad, Olav
89-005425
Hohmann, Hans-Dieter
89-003815
Hohn, Aleta A.
89-003903
Holding, Julie L.
89-002993
Holdsworth, Paul
89-004824
Holekamp, Kay E.
89-003534
Holland, Jeff
89-004179
Hollands, Garrett G.
89-003100
89-003101
Holloway, Gaylin D.
89-004908
Holloway, Harry L., Jr.
89-005053
Holmen, Mogens
89-005604
Holmes, W. N.
89-004693
Holomuzki, Joseph R.
89-005647
Holt, Don
89-002826
Holt, Sidney
89-003970
Holupirek, Heinz
89-004371
Holz, Rainer
89-004736
89-004871
Holzenbein, Stefan
89-004104
Homberger, Dominique G.
89-005564
Homer, Bruce L.
89-004223
Homolka, Miloslav
89-003443
Hon, Tip
89-003857
Hood, Craig S.
89-003407
89-003412
Hoogstraal, Harry
89-003566
89-004206
Hook, J. D.
89-004488
Hooper, Jon K.
89-002994
Hoover, John P.
89-003816
Hopcraft, David
89-002995
Hopkins, A.
89-003194
Hoppe, Richard T.
89-003858
Hopwood, P. R.
89-003364
Hoque, M. M.
89-003475
89-003476
Horacek, Ivan
89-003612
Horak, Gerald C.
89-004372
Horak, I. G.
89-004180
Horakova, Marta
89-005311
Horne, Jennifer F. M.
89-004471
Horner, Kenneth O.
89-004491
Hornocker, Maurice G.
89-003869
Horsley, D.
89-005040
Horton, John D.
89-005680
Horton, Richard H.
89-002827
Horvath, Eric G.
89-005298
Horwich, Robert H.
89-004238
Houck, Michael C.
89-002996
Hounsell, Ronald G.
89-004872

House, Edwin W.
89-005086
Houston, D. C.
89-002925
Houston, David
89-004701
How, R. C.
89-003271
Howard, Dennis R.
89-003804
Howard, Richard D.
89-005648
Howard, Walter E.
89-003477
89-003478
89-003479
89-003480
89-003481
89-003482
Howe, Robert W.
89-004352
Howe, William H.
89-004373
Howell, Evelyn A.
89-003197
Howells, W. W.
89-005163
Hruban, Zdenek
89-003859
89-003860
Hruby, T.
89-004623
Hsu, Minna
89-002803
Hsueh, Aaron J. W.
89-004042
Huang, Chih-Lin
89-002798
Hubalek, Zdenek
89-005311
Huber, Djuro
89-003706
89-003714
89-003728
89-003729
89-003766
Hudak, Joann
89-005359
Hudec, Karel
89-004517
Hudon, Jocelyn
89-005426
Hudson, Peter J.
89-004567
Huenneke, L. F.
89-003621
Huffman, Michael A.
89-004239
Huffman, Terry
89-003102
Hughes, Jay M.
89-002828
Hughes, Richard
89-005270
Hulett, Gary K.
89-002795
Hulsman, Kees
89-004874
Hummel, Dietrich
89-004472
Humphrey, Joan M.
89-005404
Humphries, R. B.
89-005649
Hundgen, Kurt H.
89-005427
Hunt, George L.
89-005048
Hunt, S.
89-002943
Hunt, W. Grainger
89-005162
Hunter, David L.
89-005019
Hunter, Don O.
89-003287
Hunter, M. L.
89-005293
Hunter, Malcolm L., Jr.
89-004426
Hunter, Pamela
89-003324
Hunter, William C.
89-004374
Huntington, Charles E.
89-005063
Huntly, N. J.
89-003613
Huong, Alan Y.
89-004225
Huppop, O.
89-004875
Hurd, S.
89-003097
Hussain, M. M.
89-003883
Hussain, Mazhar
89-002884
Hustler, K.
89-005163
Hutchins, Michael
89-002978
Hutchinson, Mark N.
89-005782
I-Werner, Dagmar
89-005835
Ibanez, Carlos
89-003413
Ieradi, L. A.
89-003316
Ihobe, Hiroshi
89-004240
Iizuka, G. L.
89-003644
Ikeda, Yoshihide
89-005164
Ilangakoon, Anouk
89-003993
Illera, G.
89-004216
Inglis, J. M.
89-003212
Inglis, Jack M.
89-002997
89-003693
Ingold, Danny J.
89-004473
Ingold, James L.
89-005444
Ingold, P.
89-003269
Inouye, R. S.
89-003613
Irby, Lynn R.
89-004181
Iriarte, J. Agustin
89-003295
Irons, David
89-004852
Isaacs, Frank B.
89-005084
Isakova, G. K.
89-003817

AUTHOR INDEX

Ischinger, Lee S.
  89-003103
Isenmann, Paul
  89-005428
Ishaya, P. D.
  89-003282
Ishibashi, Takehiko
  89-004606
Ishikawa, Toshihiro
  89-004876
Ismail, I. A. H.
  89-003469
Itakura, C.
  89-005566
Itoh, Kazuhiro
  89-004241
Ivashin, M. V.
  89-003971
Iverson, John B.
  89-005783
Ivey, Gary L.
  89-004877
Iwakawa, Chiaki
  89-004242
Iwano, Taizo
  89-004242
Izard, M. Kay
  89-004243
Izhaki, Ido
  89-004310
Izumi, Tokukazu
  89-004606
Jaakson, Reiner
  89-003104
Jablonski, B.
  89-004375
  89-005054
Jackson, Dale R.
  89-005784
Jackson, Donald C.
  89-002926
Jackson, Jerome A.
  89-004376
Jackson, Marion T.
  89-003293
Jackson, Randy
  89-002998
Jackson, William B.
  89-003454
  89-003483
Jacobson, Alyse M.
  89-003105
Jacobson, Elliott R.
  89-003846
  89-005785
Jacobson, Harry A.
  89-004105
Jaderholm, Kai
  89-003827
Jaensch, Roger
  89-004878
  89-004995
Jaghabir, M. T. W.
  89-003319
Jakobsen, Bent
  89-004756
Jaksic, F. M.
  89-005800
Jaksic, Fabian M.
  89-003295
James, R. W.
  89-004121
Jameson, Donald A.
  89-003195
Jamnicky, Blanka
  89-003729
Jander, Gerolf
  89-005387
Jansen, A. M.
  89-003350
Jansen, Ana Maria
  89-003351
Janssen, Robert B.
  89-004377
  89-005429
  89-005430
Janzen, Fredric J.
  89-005826
Jaques, Deborah L.
  89-005019
Jarman, Peter J.
  89-003306
Jarman, W. M.
  89-004508
Jaroskova, Lydie
  89-003463
Jarrett, James T.
  89-003106
Jarvis, J. U. M.
  89-003603
Jayko, Katherine
  89-004017
Jeche, Manfred
  89-005312
Jedrzejewski, Wlodzimierz
  89-003673
Jehl, Joseph R., Jr.
  89-004879
  89-004880
  89-004881
  89-004882
Jeismann, R.
  89-004608
Jenkins, Andrew R.
  89-004166
Jenkins, J. H.
  89-003438
Jenkins, P. F.
  89-005294
Jenks, Jonathan A.
  89-004074
  89-004106
Jennings, Daniel T.
  89-004462
Jennings, Randy D.
  89-005851
Jensen, Ron
  89-005165
Jenssen, Bjorn Munro
  89-004518
Jentzsch, Matthias
  89-005431
Jerrentrup, Hans
  89-005028
Jessup, David A.
  89-004182
Jett, David A.
  89-004373
Jewell, Susan D.
  89-004883
  89-004991
Jiad, Jameel H.
  89-004612
John-Alder, Henry B.
  89-005650
  89-005651
Johnsingh, A. J. T.
  89-002855
Johnson-Duncan, Elaine E.
  89-004348
Johnson, A. R.
  89-004884

Johnson, Alan R.
89-004885
Johnson, Christopher N.
89-003352
89-003353
Johnson, Craig W.
89-002999
Johnson, E. A.
89-003254
Johnson, Jim
89-004378
Johnson, Judith L.
89-003065
Johnson, Ken A.
89-003277
Johnson, Kenneth G.
89-003730
89-003782
Johnson, L. Scott
89-005432
Johnson, Loyal J.
89-003768
Johnson, Mark K.
89-003861
Johnson, Ned K.
89-005384
Johnson, Neil F.
89-003862
Johnson, Oscar
89-004331
Johnson, Oscar L.
89-005166
Johnson, R. Roy
89-003107
89-003108
89-004348
Johnson, Rebecca L.
89-003000
Johnson, Terry
89-005570
Johnston-Stewart, N.
89-004489
Johnston, David W.
89-004443
Johnston, H. S.
89-003614
Johnston, J. P.
89-004659
Johnstone, G. W.
89-004774
Jolly, Simon
89-003414
Jones, B.
89-005034
Jones, Betsy
89-004694
Jones, Darryl N.
89-004604
89-004605
Jones, David M.
89-002950
Jones, David R.
89-004452
Jones, Edgar T.
89-005433
Jones, Gretchen Drake
89-005271
Jones, H. Lee
89-002808
Jones, J. Knox, Jr.
89-003296
Jones, James D.
89-003752
Jones, Jeffery M.
89-005766
Jones, Kathryn L.
89-002944
Jones, P. Hope
89-004886
Jones, Peter Hope
89-004500
Jones, Richard E.
89-005753
Jones, Stanley Dwayne
89-005272
Jones, W. Thomas
89-003615
Jonkel, Charles
89-003779
Jonkel, Charles J.
89-003739
Jonsdottir, S.
89-003895
Jonsson, Erlendur
89-004026
Jonsson, P. E.
89-004887
Joosten, Sally
89-002829
Jordan C., Otto Carlos
89-004257
Jordan, Carl F.
89-003229
89-003230
89-003231
89-003232
Jordan, G. A.
89-003090
Jordan, S. A.
89-004528
Jordan, William R. III
89-003257
Jordano, Pedro
89-005434
Jorgensen, C. Barker
89-005652
89-005653
Jorgensen, Richard H.
89-005435
Joschko, Marion A.
89-003354
Joseph, B.
89-004042
Joseph, M. M.
89-003802
Joshua, Justus
89-002855
Jost, Lou
89-005436
Jouanin, Christian
89-005049
Joubert, P. H.
89-004185
Joubert, S. C. J.
89-002882
Jover, L.
89-004023
Joy, Janet E.
89-005786
Joyce, G.
89-003973
Joyce, Gerald G.
89-003972
Joyce, P.
89-003935
Jozefczak, Elzbieta
89-004209
Judd, Steven L.
89-003731
Jukema, J.
89-004888
Junge, Randall E.
89-004183

AUTHOR INDEX

Kadhim, Abdul-Hussain H.
89-003567
Kahrom, Esmail
89-003258
Kaiser, Martin
89-004889
Kaiser, Susan
89-005287
Kaji, Koichi
89-004144
Kalbe, Lothar
89-004890
89-004891
Kalina, Jan
89-005111
Kallander, Hans
89-004474
Kalomenopoulou, Maria
89-004613
Kalpers, J.
89-003676
Kalter, S. S.
89-004244
Kampp, Kaj
89-004737
89-004892
Kanagawa, Hiroshi
89-003780
89-004194
Kandybin, N. V.
89-003460
Kane, Arlo Harvey
89-004591
Kane, Don
89-004524
Kaneko, Yukibumi
89-003616
Kania, Wojciech
89-004893
Kantrud, Harold A.
89-003109
Kapania, Reena
89-003661
Karasov, W. H.
89-005452
Karesh, William B.
89-003863
Karim, K. B.
89-003415
Karlin, Alvan A.
89-005665
Karlsson, L.
89-004662
Karlsson, Lennart
89-005437
Karns, Patrick D.
89-003716
Karolewski, M. A.
89-004505
Karpowitz, James F.
89-003864
Karstad, Lars
89-003001
Kartavtseva, I. V.
89-003622
Kasamatsu, F.
89-003973
Kasamatsu, Fujio
89-003980
Kase, F.
89-004197
Kashiwa, Mitsutoshi
89-003976
Kasinsky, H. E.
89-005733
Kasparek, Max
89-005243
Kastelein, R. A.
89-003974
89-003992
Kastelein, R. K.
89-003958
Kastelein, Ronald A.
89-003994
Kastner, Michael
89-003320
Kasuya, Toshio
89-004004
Kasworm, Wayne
89-003771
Kasworm, Wayne F.
89-003775
Kat, P. W.
89-003849
Kato, Hidehiro
89-003975
89-003976
Katz, U.
89-005685
Kauffman, J. Boone
89-003233
Kaufman, Donald W.
89-003594
89-003617
89-003618
Kaufman, Glennis A.
89-003594
89-003618
89-003619
Kaur, Sarbjit
89-002945
Kavanagh, Michael
89-002883
Kawaji, Noritomo
89-004379
Kawamichi, Mieko
89-003535
Kawashima, Seiichiro
89-003661
Kawata, M.
89-003620
Kawauchi, Hiroshi
89-005884
Kay, Richard F.
89-004270
Keddy, Paul A.
89-003134
Keen, W. Hubert
89-005627
Keep, J. M.
89-004072
89-004073
Keller, Jeffrey K.
89-003110
Keller, Karl V.
89-004024
Kelley, Charles D.
89-003002
Kellogg, Forest E.
89-004594
Kelly, Brendan P.
89-003948
Kelly, Kathy
89-004268
Kelsey, Ronald
89-003111
Kelt, Douglas A.
89-003355
Kemp, A. C.
89-005135
Kemp, Alan C.
89-005167
89-005578

AUTHOR INDEX

Kempske, Sandra
  89-004282
Kendall, Ronald
  89-004524
Kennedy, Michael L.
  89-003675
Kennedy, S.
  89-003977
Kennelly-Merrit, S. A.
  89-003323
  89-005772
Kent, Thomas H.
  89-004380
Kenward, Robert
  89-005168
Kerley, G. I. H.
  89-003978
Kerlinger, Paul
  89-004490
Kerr, Kenneth D.
  89-004107
Kerr, Robert L.
  89-003139
Kerry, K. R.
  89-004025
Ketterson, Ellen D.
  89-005514
  89-005549
Kettle, R.
  89-004318
Keymer, I. F.
  89-005040
Khajuria, H.
  89-004136
  89-004245
Khalil, L. F.
  89-003484
Khan, Aziz Aslam
  89-002884
Khan, M. S.
  89-005787
Khan, Mohammad Ali Reza
  89-002790
Khan, Mohd. Khan bin Momin
  89-002885
Kharitonov, S. P.
  89-004738
Kie, John G.
  89-003003
  89-003046
  89-003196
Kienholz, Don
  89-004757
  89-004894
Kier, William M.
  89-003309
Kietzmann, Ellen A.
  89-003536
Kietzmann, Glenn E., Jr.
  89-003536
Kiff, L. F.
  89-004508
Kiff, Lloyd F.
  89-004695
Kigbu, E. E.
  89-003282
Kiiskinen, Tuomo
  89-003691
Killmar, Lawrence E.
  89-004125
Killpack, Merlin
  89-005438
Kilpi, Maikael
  89-004895
Kiltie, R. A.
  89-003865
Kimmins, J. P.
  89-003234
King, Andrew P.
  89-005313
King, Ben
  89-004381
King, D. R.
  89-005788
King, David B., Jr.
  89-004382
King, Dianna
  89-005055
King, Marilyn D.
  89-004638
King, Max
  89-005654
King, Richard B.
  89-005789
  89-005790
Kini, R. Manjunatha
  89-005874
Kirk, David A.
  89-004836
Kirkland, G. L., Jr.
  89-003385
Kirkpatrick, Roy L.
  89-004574
Kirkwood, J. K.
  89-004176
Kirsch, Eileen M.
  89-004896
Kishino, H.
  89-003916
Kishino, Hirohisa
  89-003979
  89-003980
Kisteumacher, Geraldo
  89-005625
Kitamura, Yukitoshi
  89-004241
Kitching, R. L.
  89-002886
  89-003112
Kitching, Roger
  89-003113
Kitchings, J. T.
  89-003866
Kjeld, M.
  89-003981
Kjellen, N.
  89-005169
Klages, Norbert
  89-005078
Klansek, Erich
  89-003814
Klaver, Charles
  89-005791
Klaver, Robert W.
  89-003707
Klecha, Florence
  89-003982
Kleen, Vernon M.
  89-004383
Kleiman, Devra G.
  89-003280
Klein, Bert C.
  89-005170
Klein, David R.
  89-003199
Klein, Ronald
  89-005439
Klepinger, Kent E.
  89-003867
Kline, Virginia M.
  89-003197
Klinowska, M.
  89-004028

AUTHOR INDEX

Klinowska, Margaret
89-003983
Kloetzel, J. K.
89-003644
Kneedy, Craig
89-004739
Kneis, Peter
89-005314
Knick, Steven T.
89-003841
Knight, M. H.
89-003890
Knight, Michael H.
89-005815
Knight, R. R.
89-003732
89-003743
Knight, Richard L.
89-005171
Knight, Richard R.
89-003731
89-003760
Knowlton, Frederick F.
89-003868
Kobayashi, Hideshi
89-004597
Kobelt, F.
89-005684
Kochel, Irvine H.
89-005748
Kochert, Michael N.
89-005253
Kochva, E.
89-005769
Kock, Michael D.
89-004182
Kock, R. A.
89-004176
Koehler, Gary M.
89-003869
Koehler, Gary Mark
89-003870
Koen, J. H.
89-004299
89-004384
Kohda, Masanori
89-004253
Kohler, D.
89-004740
Koide, R. T.
89-003621
Koivula, Kari
89-005440
Kojola, Taina
89-003669
Kolasa, Jerzy
89-002887
Kolenosky, George B.
89-003733
89-003734
89-003735
Koliakos, George
89-004613
Kombe, A.
89-003004
Kondo, N.
89-003537
Kondo, Norihisa
89-005076
Kong Qing Song
89-002888
Konig, A.
89-004278
Konigkramer, A. J.
89-003005
Konigstedt, Dietmar
89-005441

...CONTINUED...

Konigstedt, Dietmar
89-005442
Konsevick, Edward
89-003078
Kooloos, J. G. M.
89-004696
89-004697
Koopman, Klaas
89-004897
Kooyman, Gerald L.
89-003984
Kopeny, Mark Thomas
89-005172
Korhonen, Hannu
89-003684
89-003818
Korn, H.
89-003485
Korobitsina, K. V.
89-003622
Korpimaki, Erkki
89-005173
89-005174
Koshevoi, V. A.
89-003114
Kotler, Burt P.
89-002953
Koubek, Petr
89-004158
Koudele, Katherine A.
89-003819
Kozena, Ivana
89-003685
Kraaijeveld, A. R.
89-004696
Kral, Lubos
89-004171
Kramer, David
89-004898
Kramer, Karla J.
89-005555
Kraul, Inge
89-003313
89-004507
Kraus, Fred
89-005655
Kraus, Scott D.
89-004033
Krausman, Paul R.
89-004113
89-004160
89-004184
Krebs, Bernard
89-004799
Kredl, Frantisek
89-004517
Kress, Stephen
89-004647
Kress, Stephen W.
89-004558
Kreutzer, Richard D.
89-003327
Krivonosov, G. A.
89-004676
Krogman, Bruce D.
89-003985
89-004030
Krohn, William B.
89-002792
Krook, Lennart
89-003417
89-003418
Kruger, F. J.
89-004185
Kruger, Hans-Peter
89-004636

...CONTINUED...
Kruger, Hans-Peter
89-004899
Krummholz, Dieter
89-004900
Kruse, Susan L.
89-003986
Krutzsch, Philip H.
89-003403
89-003416
Ku, T. Y.
89-003486
Kube, Jan
89-004901
Kucera, Thomas E.
89-004108
Kuchling, Gerald
89-005792
Kuder, Tadeusz
89-003376
Kuenzler, Edward J.
89-003115
Kufeld, Roland C.
89-004109
Kufner, M. Beatriz
89-003632
Kufwafwa, J. W.
89-003006
Kuhn, Dieter
89-004192
Kuitunen, Markku
89-005443
Kulak, D.
89-005733
Kumagai, Sachitami
89-004137
Kumar, Rama
89-003883
Kumar, Vishnu
89-003661
Kumerloeve, Hans
89-004902
Kummer, Johannes
89-004444
89-005175
Kuratani, Shigeru
89-005793
Kurita, Hiroko
89-004522
Kurup, G. U.
89-003297
89-003871
Kushi, A. A. M.
89-004302
Kushlan, James A.
89-004632
89-004647
Kusler, Jon A.
89-003116
Kutilek, Michael J.
89-003861
Kuyt, Ernie
89-004903
Kwiecinski, Gary G.
89-003417
89-003418
L'Arrivee, Louis
89-004904
Laaperi, Ari
89-004138
Laas, F. J.
89-004155
Labal de Vinuesa, M.
89-003959
LaBaugh, James W.
89-003117
Lacy, Robert C.
89-002804
Ladiana, Stephanie J.
89-004041
Lago, P. R. L.
89-003642
Lake, Brian G.
89-004246
Lam, C. Y.
89-004385
Lamb, D.
89-003237
Lambert, Kurt
89-004637
Lambert, R.
89-004685
Lambertini, Marco
89-004520
Lambertsen, R. H.
89-003987
Lambin, Xavier
89-003623
Lammi, Esa
89-004758
Lampio, T.
89-004667
89-004668
89-004669
Lamprey, H. F.
89-003259
Lamvermeyer, Bonnie L.
89-003334
Lancia, Richard A.
89-003854
Lane, Kenneth F.
89-003007
Laney, R. Wilson
89-003118
Lang, Brian K.
89-003300
Langbehn, Hannes
89-005441
Langenbach, G. E. J.
89-004696
Langley, William M.
89-005125
Languy, Marc
89-004905
Lank, D. B.
89-004741
Lankester, Kees
89-003931
89-003932
89-003988
89-003989
Lankford, Thomas E.
89-003070
Lanoue, Alain
89-003624
Lansdown, R. V.
89-004906
LaPointe, Thomas F.
89-004638
LaPolla, Vince N.
89-005444
Lapwood, K. R.
89-004155
Larkin, Ronald P.
89-004498
Larochelle, R.
89-003377
Larrow, Krista Boyd
89-003419
Larsen, F.
89-003990
Larsen, Finn
89-003991
Larsen, John H., Jr.
89-005617

Larson, Allan
89-005656
Larson, Larry A.
89-003119
Larsson, T.
89-003120
Larsson, Tor-Bjorn
89-005592
LaShelle, Dan
89-004907
Lasley, B. L.
89-004042
Lasley, Bill L.
89-004267
Lauch, M.
89-004698
Laudenslayer, William F., Jr.
89-004319
Lauder, G. V.
89-005675
Lauder, George V.
89-005676
Laurila, Terhi
89-004699
89-004700
Lavee, Daphna
89-005291
Laverty, Edward B.
89-003121
Lavigne, Gerald R.
89-004074
Lawes, I. N. C.
89-003820
Lawler, Howard
89-003547
Lawler, Howard E.
89-005881
Lawler, Sharon
89-005650
Laws, A. R.
89-004675
Laycock, W. A.
89-003198
Laymon, Stephen A.
89-005315
89-005404
89-005579
Layne, Jack R., Jr.
89-005657
89-005658
Layne, James N.
89-003557
Le Marechal, Pierre
89-004475
Le Pont, F.
89-003329
Leader-Williams, N.
89-004139
Leak, Jennifer
89-005316
Leatherman, Dave
89-004386
Leatherman, S. P.
89-003260
Leatherwood, S.
89-003958
89-003992
Leatherwood, Stephen
89-003943
89-003986
89-003993
89-003994
89-004026
Leatherwood, Steve
89-004017
Lechoncito, Jose L.
89-002889
LeCount, A. L.
89-003736
LeCount, Albert L.
89-003737
89-003748
Leduc, Alain
89-004649
Lee, Anthony K.
89-003349
Lee, David S.
89-004491
89-005056
Lee, Richard E., Jr.
89-005657
Leedy, Daniel L.
89-002856
Lefeuvre, J. C.
89-003310
LeFranc, Maurice N., Jr.
89-005176
89-005196
Lehman, Paul
89-005445
Leighton, Frederick A.
89-004519
Lein, M. Ross
89-005103
Leirs, H.
89-003525
Leitch, Jay A.
89-003122
Lembeck, Michael
89-003872
Lenarz, M. S.
89-003438
Lens, S.
89-003995
Lent, Peter C.
89-003199
Lent, R. A.
89-004623
Lentfer, Jack W.
89-003767
89-003768
Lenzi, H. L.
89-003356
Leon, L. L.
89-003350
Leonard, Robert Michael
89-003261
Leonzio, Claudio
89-004512
89-004520
Leopold, Bruce D.
89-004160
Lepage, Carolyn A.
89-003123
LePere, Susan C.
89-003420
Lerche, Nicholas W.
89-004248
Lerman, Mark
89-002830
89-003795
Lesher, Fred
89-005446
Leslie, David M., Jr.
89-003301
89-004074
89-004106
89-005292
Lessells, C. M.
89-005099
Lesslie, Robert G.
89-003060
Levalley, Ron
89-005384

Levey, D. J.
89-005452
Levi, Nadav
89-005177
Levy, Catherine
89-004347
Lewis, J. C. M.
89-004176
Li Pingjun
89-004805
Li Qingwei
89-005284
Liao Jiayi
89-003421
Liberatori, Fabio
89-005178
Lichter, A. A.
89-003955
Lichtschein, Victoria
89-003898
Lieberman, Alan
89-004592
Lien, Ricky
89-005089
Lifjeld, Jan T.
89-005517
Ligon, J. David
89-005580
Ligon, Sandra H.
89-005580
Likhnova, O. P.
89-005821
Lima-Santos, G. P.
89-003357
Limpus, C. J.
89-005806
Lincoln, G. A.
89-004186
Lindburg, D. G.
89-004247
Lindeboom, R.
89-004762
Lindeque, M.
89-003422
Lindroth, Richard L.
89-003281
Lindstedt, Stan L.
89-003807
Linduska, J. P.
89-004670
Lindzey, Frederick G.
89-003698
89-003738
Linetskaya, O. N.
89-003538
Linetsky, A. I.
89-003538
Link, William A.
89-004834
Linsenmair, K. E.
89-005684
Lister, A. M.
89-004140
Litjens, B. E. J.
89-004141
Littlefield, Carroll D.
89-004908
Littlejohn, M. J.
89-005659
Litzkow, Bernd
89-004753
Livingston, Robert J.
89-003124
Ljungblad, Donald K.
89-003925
89-003996

...CONTINUED...

Ljungblad, Donald K.
89-004005
Lloyd, Clare
89-004639
Lluch, Sara
89-003378
Lochmiller, R. L.
89-004177
89-004187
Lochmiller, Robert L.
89-004106
89-004188
Lock, Anthony R.
89-004521
Lockyer, C.
89-003997
Lockyer, Christina
89-003998
89-003999
Lockyer, Christina H.
89-003892
Logan, Thomas H.
89-003836
Loh, Douglas K.
89-002831
Loiselle, Bette A.
89-005581
Lokem, A.
89-003676
Loman, Jon
89-005660
Lombardo, Michael P.
89-005447
Lonard, Robert I.
89-003125
Londei, Tiziano
89-005317
Long, Joyce
89-005285
Longcore, Jerry R.
89-004703
Looareesuwan, Sornchai
89-005794
Lopez-Fuster, Ma. Jose
89-003378
Lopez, G.
89-005342
Lopez, Kristin
89-005661
Loske, Karl-Heinz
89-005448
Losos, Jonathan B.
89-005795
Loudon, A. S. I.
89-003344
Loudon, Andrew
89-004075
Lourenco-De-Oliveira, Ricardo
89-003325
89-003423
Loutit, R.
89-003961
Lovari, Sandro
89-004167
Lovei, Gabor L.
89-005286
Loveridge, J. P.
89-005712
Lowenstine, Linda J.
89-004248
Lowther, Peter E.
89-005318
Loyttyniemi, Kari
89-004138
Lu Tai-Chun
89-004590

AUTHOR INDEX

Lubben, Ingrid
   89-005486
Lucius, R.
   89-003686
Ludwig, Daniel R.
   89-002832
   89-003789
Ludwig, H.
   89-003969
Ludwig, Harvey F.
   89-003262
Ludwig, James P.
   89-004522
Lugon, Ralph
   89-005573
Lulav, Shmuel
   89-004387
Lumsden, H. G.
   89-004640
Lund, M.
   89-003487
   89-003488
   89-003489
   89-003490
   89-003491
Lunn, Nicholas J.
   89-003733
Luoma, Del
   89-004476
Lups, Peter
   89-003821
Lushnikova, T. P.
   89-003682
Lusigi, W. J.
   89-003008
Lusk, Stewart J. G.
   89-003625
Lyapkov, S. M.
   89-005662
Lyke, William L.
   89-003126
Lyles, A. M.
   89-004247
Lynch, Carol Becker
   89-003568
Lyngs, Peter
   89-005289
Lynn, Carolyn
   89-003009
Lyon, L. Jack
   89-004151
Lyons, Jane
   89-005179
Lyrholm, Thomas
   89-004000
   89-004026
Ma Caixia
   89-004152
Mac Nally, Ralph C.
   89-004388
Maccarone, Alan D.
   89-004641
Macdonald, I. A. W.
   89-002875
   89-003298
Macdonald, S. M.
   89-003321
Mace, Georgina M.
   89-002917
   89-004249
Mace, Richard D.
   89-003739
Mace, Ruth
   89-005449
Mach, N.
   89-003430
Machado, G. M. C.
   89-003350
Machbub, Badruddin
   89-003262
Mackay, W. C.
   89-003555
MacKenzie, A. R.
   89-004076
   89-004077
Mackey, Brendan G.
   89-003060
Mackey, Daniel James
   89-002833
   89-002834
MacKinnon, John
   89-002890
Mackowicz, R.
   89-004389
Mackrill, Ed
   89-004909
MacLachlan, Andrew B.
   89-002951
MacMillan, Susan
   89-002805
MacPherson, Calum N. L.
   89-003326
Macready, Bronwyn
   89-004742
Mactavish, Bruce
   89-004390
   89-004910
Madas, Katalin
   89-005328
Madison, Dale M.
   89-003628
Madsen, A. B.
   89-003822
   89-003826
Madsen, Jesper
   89-004559
Maehr, David S.
   89-003881
Magagnoli, P.
   89-005230
Maghembe, Jumanne
   89-003238
Magyar, S. J.
   89-004177
Mahan, Carol J.
   89-003873
Mahat, Gopal
   89-002891
Maher, William J.
   89-005423
Mahmoud, Wafeya
   89-003626
Mahony, Michael
   89-005663
Mai, Andreas
   89-005450
Main, Andrew J.
   89-004984
Mainzeret, C.
   89-004123
Maiti, B. R.
   89-005301
   89-005349
Majeed, S. K.
   89-003379
Majumdar, N.
   89-004391
Majupuria, Trilok Chandra
   89-002857
   89-002858
   89-002892
   89-002918

Makela, Jaakko
89-003691
Makela, M. E.
89-002845
Makepeace, S.
89-004702
Makepeace, Scott
89-004914
Makin, D.
89-003424
Makris, Vasilis
89-005796
Malan, G.
89-005180
Malaret, Luis
89-005797
Malecki, Richard A.
89-004735
Malizia, Ana I.
89-003590
Mallinson, Jeremy J. C.
89-004250
Malmquist, M. G.
89-003373
Maloney, John E.
89-005828
Maluf, N. S. R.
89-004189
Malvin, Gary M.
89-005664
Malvisi Stracciari, Jose
89-003444
Manabe, Noboru
89-004606
Mangner, James A.
89-005181
Mangun, William R.
89-003263
Manley, Patricia N.
89-004392
Mann, D. R.
89-004251
Mann, J. C. E.
89-003271
Mano, Tsutomu
89-003740
Manville, Albert M. II
89-003741
Manzi, R.
89-005451
Maple, Terry L.
89-004252
Marcantoni, Mabel
89-005071
Marchinton, R. Larry
89-004099
Marcot, Bruce G.
89-004411
Mares, Michael A.
89-003299
Marion, Ken R.
89-005755
Markl, Judy A.
89-004101
Marocchio, Luciana
89-003444
Marois, Katherine C.
89-004525
Marques-Brito, C. M.
89-003357
Marquet, P. A.
89-005800
Marr, N. Verne
89-005171
Marsh, Helen E.
89-004001
Marsh, Rex E.
89-003492
89-003493
89-003494
Marshall, David B.
89-004911
Marteijn, Eric C. L.
89-004799
Marti, Carl D.
89-005182
89-005183
Martin, A. A.
89-005696
Martin, A. R.
89-004002
Martin, Angus A.
89-005593
Martin, David E.
89-004393
Martin, Dennis D.
89-003712
Martin, R. B.
89-003010
Martin, R. D.
89-004271
Martin, R. E.
89-003233
Martin, Roger Bond
89-002971
Martin, Sandra Kay
89-003823
Martinez del Rio, Carlos
89-005452
Martinez, David R.
89-003355
Maruyama, Naoki
89-003724
89-003725
Marzluff, John M.
89-005319
Marzochi, M. C. A.
89-003357
Masataka, Nobuo
89-004253
Mason, Andrew C.
89-003742
Mason, C. F.
89-003321
Mason, Douglas J.
89-005581
Mason, J. R.
89-005304
Mason, J. Russell
89-005320
Massa, R.
89-005490
Massey, Barbara W.
89-004912
89-005015
Massey, Karen A.
89-003127
Massi, Alberto
89-004520
Massoli-Novelli, Raniero
89-004913
Matangkasombut, Pornchai
89-005732
Mather, Thomas N.
89-002951
Mathews, Kim
89-003127
Mathias, Maria da Luz
89-003648
Mathur, R. P.
89-003504
Matis, J. H.
89-005859

Matkin, Craig O.
89-003943
Matola, Sharon
89-003011
Matsui, M.
89-005822
Matsumoto, Teisuke
89-004583
Matthews, G. V. T.
89-004642
89-004671
Matthews, Michael J.
89-003012
89-003055
Mattson, D. J.
89-003743
Matula, George, Jr.
89-003787
Mauersberger, Gottfried
89-005184
Maughan, O. Eugene
89-004598
Maulbetsch, Karl-Eugen
89-005487
Maumary, Lionel
89-004826
Mauro, Laura
89-005185
Mautz, William W.
89-003874
Maxwell, Terry C.
89-005502
May, Brad
89-004254
Mayer, John J.
89-004300
Mayer, Kenneth E.
89-003236
Mayfield, Harold F.
89-004394
Mayhew, Peter
89-004701
Mbano, B.
89-004207
McAllister, Chris T.
89-005798
McAllister, Lynne
89-005213
McAlpine, D. F.
89-004702
McAlpine, Donald F.
89-004914
McArthur, E. Durant
89-003200
McAuley, Daniel G.
89-004703
McBee, K.
89-004188
McBrearty, Dennis
89-003993
McBride, Alan
89-004915
McCarthy, Clinton
89-004108
McColligan, Eugene T., Jr.
89-003128
89-003147
McCollough, Mark
89-005186
McCormick, Kevin J.
89-004743
89-004744
McCowan, Mamie
89-005453
McCoy, Jerry Jerome
89-005799
McCranie, James R.
89-005701
McCrary, Michael D.
89-005248
McCreary, Scott T.
89-003129
McCrimmon, Donald A.
89-004643
McCrory, Wayne
89-003727
McCullough, Dale R.
89-003744
McCullough, S. J.
89-003977
McDaniel, Kirk C.
89-003201
McDonald, Donna
89-003993
McDonald, Roberta
89-005187
McDowell, S. B.
89-005740
McDowell, Susan G.
89-004916
89-005738
McElrath, George
89-002787
McEneaney, Terry
89-004502
McEntyre, Athena
89-004112
McEwen, Lowell C.
89-002859
McFarland, D. C.
89-005565
McFarland, David
89-004395
McGadey, J.
89-003614
McGee, Dennis
89-003130
McGee, Dennis W.
89-003101
McGinnis, Allison J. H.
89-004110
McGowan, R. Y.
89-004704
McGregor, Peter K.
89-005454
McGuire, Betty
89-003611
McGuire, Terry R.
89-005326
McHale, M.
89-003097
McIlquham, Carl J.
89-004705
McKee, Russell
89-004568
McKegg, Janet S.
89-003013
McKelvey, Richard W.
89-004744
McKenzie, D. W.
89-003223
McKenzie, Paul M.
89-004721
McKernan, Robert L.
89-005248
McKibben, Laurence A.
89-003235
McLachlan, Athol J.
89-005672
McLaren, D. A.
89-005772
McLaren, Ian
89-005260

AUTHOR INDEX

McLaughlin, Jim
89-005808
McLennan, P. L.
89-004222
McLeod, Donald Evans
89-002799
McMahon-Pratt, Diane
89-003327
McMahon, Jeri A.
89-005455
McMillen, Janet L.
89-004917
McMillen, Janet Lalaree
89-004918
McMinn, Sean D.
89-005403
McNab, Brian K.
89-003425
McNab, Henry
89-003843
McNeil, Raymond
89-004649
89-004966
McPhee, Euan C.
89-003627
McPherson, A. Bradley
89-003495
McPherson, Guy R.
89-003202
Mcshane-Caluzi, E.
89-002860
McShane, T. O.
89-002860
McShane, Thomas O.
89-003014
McShea, William J.
89-003628
Mead, C. J.
89-004492
Mead, Rodney A.
89-003802
Meaker, Johanna
89-005188
Mealey, Brian
89-002922
Meanley, Brooke
89-004919
Means, D. Bruce
89-005665
Medel, R. G.
89-005800
Medin, Dean E.
89-004396
Medland, R. D.
89-004785
89-004920
89-005456
Meduna, A. J.
89-003282
89-004921
Meehan, Adrian P.
89-003496
Meehan, Judy
89-005189
Meehan, Thomas
89-003859
89-003860
89-004282
Meese, Robert J.
89-004560
Mehl, H.
89-004291
Mehl, L. M.
89-004003
Meienberger, Christian
89-004445
Meijer, T.
89-005133
Meijer, Theo
89-005190
Meir, Beni
89-005191
Melchiors, M. Anthony
89-004106
Mellado, Jesus
89-005801
Mello, Dalva A.
89-003687
Melnick, Don J.
89-004255
Meltofte, Hans
89-004922
Melville, David S.
89-004397
89-005457
89-005458
89-005459
Mendelssohn, H.
89-003653
Mendenhall, Vivian M.
89-005057
Mendes, Chandana
89-003986
Mengden, Gregory A.
89-005740
89-005802
Menkhorst, P. W.
89-003358
Mensik-King, Karen E.
89-003875
Meretsky, Vicky J.
89-002835
89-002836
Mertl-Millhollen, Anne S.
89-004256
Meserve, Peter L.
89-003300
Meslow, E. Charles
89-003738
Messel, H.
89-005803
Metcalfe, James
89-002927
Metzgar, Lee H.
89-003722
89-004055
Mewaldt, L. Richard
89-005287
Mexin, Olivier
89-004826
Meyer-Rochow, V. Benno
89-005666
Meyer, Kenneth Donald
89-005192
Meyer, R. E.
89-003187
Meyer, Terry
89-004382
Meylan, Anne B.
89-005717
Meylan, Peter A.
89-005804
Mezzavilla, Francesco
89-004923
Michaels, Scott J.
89-005805
Michaud, G.
89-004924
89-005114
Michelat, D.
89-005114
Michener, Martin
89-003131

Michener, Martin C.
89-003132
Middleton-Smith, Sandra
89-005055
Mikkola, Heimo
89-005193
Mikoszewski, A. S.
89-004505
Milder, Sharon L.
89-005460
Mildner, Dennis
89-005194
Milishnikov, A. N.
89-005821
Millam. J. R.
89-005572
Millar, John B.
89-003109
Millar, John S.
89-003625
89-003629
Millar, Wendy D.
89-003629
Miller, Aaron A.
89-004979
Miller, Brian J.
89-003824
Miller, Frank L.
89-005195
Miller, Gary D.
89-003745
Miller, J. D.
89-005806
Miller, John
89-004925
Miller, John L.
89-005755
Miller, K. R.
89-003015
Miller, K. W.
89-003958
Miller, Karen W.
89-003994
Miller, Lee
89-004268
Miller, Michael R.
89-004706
Miller, R. Eric
89-004183
Miller, Richard
89-004162
Miller, Ruth B.
89-004041
Miller, S. Douglas
89-003854
89-003876
Miller, Sterling D.
89-003746
89-003747
89-003770
Milligan, Dorothy A.
89-003264
Mills, Scott
89-004398
Millsap, Brian A.
89-005151
89-005196
89-005197
89-005198
Milne, Kathleen A.
89-005273
Milsom, William K.
89-005832
Mimori, Tatsuyuki
89-003327
Mimura, Mariko
89-005819

...CONTINUED...
Mimura, Mariko
89-005820
Mindell, D. P.
89-005199
Minezawa, Mitsuru
89-004257
Minot, Edward O.
89-003809
89-005321
Minton, Sherman A.
89-005807
89-005857
Miranda, J. C.
89-003365
Mishra, K. D.
89-004142
Miskelly, Colin M.
89-004926
Mitchell, George J.
89-003133
Mitchell, Gordon S.
89-005832
Mitchell, James Henry
89-005274
Mitchell, William A.
89-003589
Mitchev, Taniu
89-005028
Miththapala, S.
89-003842
Mitra, Tridib Ranjan
89-004143
Miura, Shingo
89-004144
Miyaji, T.
89-004046
Miyashita, Tomio
89-004004
Mlot, Christine
89-002919
Moczydlowski, E.
89-005058
Moeed, Abdul
89-002850
Moermond, Timothy C.
89-005581
89-005589
Mohammad, Mohammad K.
89-003426
Molgaard, Per
89-004369
Molle, G.
89-003969
Mollohan, Cheryl
89-003748
Mollohan, Cheryl M.
89-003749
Monaghan, P.
89-004927
Moneim Maher, Abdul
89-003497
Monfort, S. L.
89-003750
Monge-Najera, Julian
89-003688
Monnett, Charles Warren
89-003825
Mononen, Jaakko
89-003818
Monrad, J.
89-004128
Monroe, J. R.
89-003438
Monsen, Stephen B.
89-003200
Montaldo, Norberto H.
89-005461

AUTHOR INDEX

Montali, R. J.
89-004198
Montgomery, W. G.
89-004623
Montori, A.
89-003430
Moody, David B.
89-004254
Moon, A. V.
89-004399
89-004928
Mooney, H. A.
89-003621
Moore, Adele T.
89-003689
Moore, Adriienne Whiteley
89-004301
Moore, Clinton T.
89-004594
Moore, D. R.
89-005200
Moore, Don
89-005808
Moore, Donald E.
89-004301
Moore, Dwayne R. J.
89-003134
Moore, Frank R.
89-004490
89-005462
Moore, Franklin R.
89-005667
Moore, H. D. M.
89-003343
Moore, J. L.
89-005200
Moore, Kevin
89-004145
Moore, M. R.
89-003614
Moore, R. J.
89-003447
Moore, Sue E.
89-003925
89-003996
89-004005
Moorhead, D. L.
89-003630
Moorhead, K. K.
89-003135
Moraal, L. G.
89-004534
89-004535
89-004536
Moran, Peter
89-005809
Moreno, Juan
89-005463
Moreno, Sacramento
89-003631
89-003632
Morera-Brenes, Bernal
89-003688
Morgan, Raymond P. II
89-003790
Mori, F.
89-005566
Moriarty, John J.
89-005464
Morin, Peter J.
89-005650
Morlan, Joseph
89-005069
Morris, J. A.
89-005004
Morris, P. A.
89-003379
Morris, Ralph D.
89-004929
Morrison, Michael L.
89-004330
Morse, Douglass H.
89-005465
Morsy, T. A.
89-003498
Morton, Eugene S.
89-004477
Morton, Martin L.
89-005341
Morton, S. R.
89-005031
Moser, Amy J.
89-004745
Moser, E. Barry
89-004721
Mosher, James A.
89-005144
89-005201
Mossin, Jens
89-005668
Mossman, Michael J.
89-004400
Mougin, Jean-Louis
89-005059
Moul, Robert L.
89-003136
89-003265
Moulding, Jonathan D.
89-005810
Mouritsen, R.
89-003906
Mowlavi, Masood
89-004190
Muchena, F. N.
89-003203
Muchoki, Charles Harrison Kariuki
89-004401
Mueller, Helmut C.
89-004930
Mueller, Lori R.
89-002837
Mukherjee, Ajit Kumar
89-004931
Mullarney, Killian
89-005508
Muller, E. F.
89-003633
Muller, Hartmut E.
89-004932
89-005202
Muller, W.
89-003499
Mulley, R. C.
89-004146
Muma, Katherine Elizabeth
89-005322
Mumford, Deborah Ann A.
89-002838
Muralla, Zozimo
89-004194
Murkin, Henry R.
89-003137
Murphy, Edward C.
89-004933
Murphy, Joseph R.
89-004564
Murphy, Marty
89-004934
Murphy, Michael T.
89-005466
Murray, Bertram G., Jr.
89-004880
89-005467

Murray, R. M.
89-005763
Murthy, T. S. N.
89-005607
89-005811
89-005812
89-005813
89-005814
Mushi, E. Z.
89-004056
Mustafa, Adel M.
89-003567
Mwalyosi, Raphael B. B.
89-003266
89-003267
Mwangi, Z. J.
89-003016
Myburgh, J.
89-003324
Myers, J. P.
89-004442
Myers, Philip
89-003602
Myllymaki, Arvo
89-003569
Mytton, William R.
89-003681
Nadler, Ch. F.
89-003548
Nagel, Alfred
89-003380
Nagy, Kenneth A.
89-002806
89-005261
89-005815
89-005816
Naiff, R. D.
89-004297
Nakagawa, Hajime
89-005076
Nakagawa, Naofumi
89-004258
89-004259
Nakamine, H.
89-004046
Nakamura, Hiroshi
89-005582
Nakamura, Toru
89-004876
Nakano, T.
89-003973
Nash, L. T.
89-004260
Nass, Roger D.
89-003337
Navarro, Rene A.
89-004935
Nebraska Ornithologists' Union
89-004402
Nechaev, V. A.
89-004936
Neely, Robert K.
89-003138
Nehls, Hans Wolfgang
89-004937
Nehls, Harry
89-004852
Neily, Larry E.
89-004403
Nelson, Arthur C.
89-004111
Nelson, David A.
89-005810
Nelson, E. E.
89-003751
Nelson, Ralph A.
89-003752
Nerini, M. K.
89-004006
89-004007
Nesterova, N. L.
89-003539
Nesvadbova, Jirina
89-003338
Nethersole-Thompson, D.
89-005005
Nettleship, David N.
89-004644
Neubert, Diether
89-003320
Neumann, Joachim
89-004938
89-005203
Neve de Mevergnies, Gabriel
89-004939
Nevo, E.
89-003634
Newbauer, Dan
89-005204
Newling, Charles J.
89-003159
Newman, Karin S.
89-003635
Newton, I.
89-005205
89-005206
Ngwamotsoko, K. T.
89-004208
Nichelmann, M.
89-004678
89-004698
89-004713
Nicholls, Gerry
89-004940
Nicholls, T. J.
89-005336
Nichols, James D.
89-004989
Nichols, William F.
89-004664
Nicholson, D. I.
89-003275
Nicholson, R.
89-003204
Nicol, D. I.
89-004008
Nicol, S. C.
89-003363
Nicolau-Guillaumet, P.
89-005094
Nicoll, M.
89-004993
Nieder, Luis
89-003636
Niedzialkowski, Diane M.
89-003139
Nielsen, Knud
89-004751
Niering, William A.
89-003140
Nikol'skii, A. A.
89-003539
Nilson, D. J.
89-003089
Nilson, Goran
89-002938
89-005592
89-005605
89-005613
89-005614
89-005817
Nipkow, Markus
89-004523

Nishida, Toshisada
89-004261
89-004262
Nishimura, Kinya
89-005207
Nixon, Andrew
89-004941
89-005323
89-005468
Njoka, Theuri
89-003017
Noble, David
89-004942
Noble, David G.
89-004847
Noble, J. C.
89-003221
Noble, Robert E.
89-005583
Noffsinger, Robert E.
89-003087
Nogales, M.
89-005208
Nolan, Val, Jr.
89-005514
89-005549
Norbury, Grant L.
89-003288
Nores, Carlos
89-004009
Nores, Manuel
89-004404
Norgaard, Richard B.
89-003255
Norman, Donald
89-004524
Norman, James L.
89-004707
Norris, David O.
89-005669
Norris, Kenneth S.
89-003960
Norris, Larry L.
89-005469
North, Michael R.
89-004759
Norton, P. M.
89-004191
Norton, Robert L.
89-005060
Notzold, Gerd
89-004192
Novacek, Jean M.
89-003141
Noyce, Karen V.
89-003716
Nunes, Scott
89-003534
Nunes, Vania da Silva
89-005670
Nunes, Vania L. B.
89-003687
Nur, Nadav
89-004446
Nurberdyev, M.
89-003205
Nygard, T.
89-004514
Nygard, Torgeir
89-004645
O'Brien, James P.
89-003637
O'Brien, Peter H.
89-004193
O'Brien, Timothy G.
89-004263
O'Connell, M. J.
89-005030
O'Neil, Thomas A.
89-005209
O'Neill, Edward J.
89-005021
O'Neill, Janet
89-003142
O'Neill, M. G.
89-003433
Obiamiwe, B. A.
89-005818
Obrecht, H. H. III
89-005064
Ocampo, Marlon B.
89-004194
Ochoa G., J.
89-004305
Ochoa G., Jose
89-003413
Odell, Daniel K.
89-004037
Odum, Eugene P.
89-002782
Oeser, Rudolf
89-004311
89-005324
Oetting, R. B.
89-004646
Ohbayashi, Masashi
89-004241
Ohdachi, Satoshi
89-003753
Ohlendorf, Harry M.
89-004525
89-005021
Ohmann, Janet L.
89-003236
Ohmart, Robert D.
89-004374
Ohno, Motonori
89-005870
Ohtaishi, Noriyuki
89-004144
Ohtani, Yusaku
89-005819
89-005820
Oien, Nils
89-003991
89-004010
89-004011
89-004019
Ojanen, Mikko
89-004451
Okaeme, A. N.
89-003381
Okamoto, Munehiro
89-004241
Okawara, Yuji
89-004597
Okeyoyin, O. A.
89-003381
Oki, Yoshio
89-003657
Okoniewski, Joseph C.
89-004539
Oku, Yuzaburo
89-004241
Olafsson, I.
89-003981
Olang, Moses Ooro
89-003206
Oldemeyer, John L.
89-004149
Olds, Nancy
89-003638

AUTHOR INDEX

Oliver, P. J.
  89-004708
Olmedo, Gaspar
  89-005801
Olmos, Montserrat
  89-003892
Olney, P. J. S.
  89-005043
Olsen, Glenn H.
  89-005156
Olsen, Jerry
  89-005210
Olsen, Klaus Malling
  89-004405
Olsen, M.
  89-003237
Olsen, Penny D.
  89-005210
Olson, G. E.
  89-003411
Omori-Satoh, Tamotsu
  89-005883
Onadeko, S. A.
  89-002983
  89-003018
Onoyama, Keiichi
  89-003639
  89-004137
Onsager, Jerome A.
  89-003207
Onyeanusi, A. E.
  89-002983
  89-003019
  89-004195
  89-004302
Oporto, Jorge A.
  89-003960
Oprandy, John J.
  89-004984
Orell, Markku
  89-004451
  89-005440
  89-005470
Orford, H. J. L.
  89-003877
Orians, Gordon H.
  89-005296
Orlov, V. N.
  89-005821
Orr, T. E.
  89-004251
Orton, Lisa Schichtel
  89-004012
Osakwe, M. E.
  89-002983
  89-003020
  89-003282
  89-003381
Osborne, David R.
  89-004312
  89-005444
Oschadleus, Dieter
  89-005471
Osemeobo, Gbadebo Jonathan
  89-003021
Osgood, Reginald Alan
  89-004478
Oshozo, Elisa
  89-003687
Osti, Fabio
  89-003754
Ota, H.
  89-005822
Ota, Hidetoshi
  89-005823
Ott-Joslin, J.
  89-003346
Otto, Frank
  89-005431
Otto, Winfried
  89-004823
Ouellet, J.-P.
  89-003540
Ovaska, Kristiina
  89-005671
Over, H. J.
  89-004533
Ovesen, Claus H.
  89-005598
Ovesen, Claus Helweg
  89-005606
Owen-Smith, R. N.
  89-004057
Owen-Smith, R. Norman
  89-003022
Owen, James G.
  89-003640
Owen, M.
  89-004746
Owens, D. W.
  89-005859
Pace, Richard M. III
  89-004101
Pace, Richard Mears
  89-002839
Packard, J. M.
  89-002845
Padgett, Thomas M.
  89-004531
Paganelli, Charles V.
  89-004449
Page, Gary W.
  89-004943
Pagel, Carl
  89-003143
Pagel, Mark D.
  89-003307
Pagels, John F.
  89-003382
Pages-Feuillade, E.
  89-004264
Pain, Deborah J.
  89-004526
Paliza, O.
  89-003926
Paliza, Obla
  89-003927
Palmer, K. H.
  89-004406
Palomo, L. Javier
  89-003570
Pan Ruliang
  89-004265
Pandit, Ashok K.
  89-003144
Paniagua, Carmen Diaz
  89-005824
Pank, Larry F.
  89-003284
Pannach, Dieter
  89-005211
  89-005472
  89-005473
Panov, E. N.
  89-005017
Panwar, H. S.
  89-002893
  89-002894
Paolillo, Giuseppe
  89-004760
  89-004944
Papkoff, Harold
  89-005884

AUTHOR INDEX

Pappaioanou, Marguerite
89-004225
Paquot, A.
89-003676
Paradisi, S.
89-003316
Parker, I. S. C.
89-002895
89-003023
Parkin, J.
89-004723
Parmelee, D. F.
89-005061
Parmelee, J. M.
89-005061
Parnell, James F.
89-004647
Parr, Raymond
89-004569
Parr, T. W.
89-003268
Parsons, Katharine
89-004624
Parsons, Katharine C.
89-004641
89-004945
Part, Tomas
89-005474
Partch, Max
89-005475
Parton, W. J.
89-002825
Pashley, David N.
89-005476
Pasquet, E.
89-005094
Pastor, L. M.
89-005825
Pastoret, P.-P.
89-003676
Paterson, Patricia
89-004013
Paterson, Robert
89-004013
Paton, Peter W. C.
89-004648
89-004955
Patterson, Bruce D.
89-003300
Patterson, Jeremy W.
89-005672
Patze, H.
89-005395
Patzold, Walter
89-004761
Paukstis, Gary L.
89-005826
Paulissen, Mark A.
89-005827
Paulson, Dennis R.
89-004946
Pavan, G.
89-005451
Pawliczka, I.
89-004028
Paxton, Mark
89-002933
Paxton, Mark W.
89-005108
Payne, A. P.
89-003614
Payne, Katharine B.
89-003962
Paynter, D. I.
89-004078
Peakall, D. B.
89-004508
Peakall, David B.
89-004527
Peal, Alexander
89-004603
Peddemors, V. M.
89-004014
Pedersen, Michael Brinch
89-004709
Pedersen, Simon Boel
89-005378
Peirce, E. J.
89-003641
Peirce, M. A.
89-004544
Pekins, Peter J.
89-003874
Pekins, Peter Jeffrey
89-004570
Pelchat, Brian
89-003727
Pelchat, Brian O.
89-003755
Pellantova, Jitka
89-004517
Pellaud, Stephane
89-005573
Pellegrini, Mario
89-004752
89-005212
Pellegrini, Massimo
89-004752
89-005212
Pellew, R. A.
89-004303
Pelton, Michael R.
89-003730
89-003782
89-003878
Pelzers, E.
89-004141
89-004196
Peng Yanzhang
89-004265
Pennington, M. G.
89-004407
Pennisi, Elizabeth
89-003541
Pennycuick, C. J.
89-004947
89-005062
89-005064
89-005213
Penteriani, Vincenzo
89-005178
89-005214
Percich, R. E.
89-003598
Pereira, Michael E.
89-004266
Perez-Tomas, R.
89-005825
Perez, Concepcion
89-004009
Perez, John C.
89-005857
Perez, Lorelei E.
89-004267
Perez, T. M.
89-005567
Pernikoff, Douglas S.
89-004183
Perret, M.
89-003359
Perrin, M. R.
89-003877
Perry, David A.
89-003238

Perry, Steven F.
89-005828
89-005829
Persson, Karin
89-005437
Pertet, Fred
89-003024
Peter, H.-U.
89-004889
Peter, Heinz
89-005584
Peterle, Tony J.
89-002803
Peters, Rockney D.
89-003738
Petersen, Ursula C.
89-002840
Peterson, A. J.
89-004119
89-004120
Peterson, A. Townsend
89-004312
Peterson, Greg
89-004268
Peterson, N. E.
89-003642
Peterson, William J.
89-004107
Petit, Daniel R.
89-004427
Petit, Lisa J.
89-005477
Petit, Thierry
89-005149
Petranka, James W.
89-005655
Petrinovich, Lewis
89-005478
Petter, J. J.
89-004279
Pettersson, Jan
89-005437
Pettigrew, Thomas J.
89-004122
Pevsner, D.
89-003678
Peyton, Bernard
89-003756
89-003757
Pfannmuller, Lee
89-002915
Pfannmuller, Lee A.
89-005464
Pfeiffer, Adrienn Susann
89-003686
Pfingsten, Ralph A.
89-005673
Pflaum, R.
89-004007
Pfluger, D.
89-003269
Pharris, Larry D.
89-003758
Phillips, C. A.
89-005674
Phillips, John B.
89-005462
Phillips, Jonathan D.
89-003145
Phillips, L. G.
89-003842
Phillips, L. G., Jr.
89-004198
Phillips, Lynn R.
89-003145
Phillips, Michael K.
89-003690

...CONTINUED...
Phillips, Michael K.
89-003759
Philo, L. Michael
89-003952
89-003953
Phinney, M.
89-004702
Phinney, Mark
89-004914
Pianka, Eric R.
89-005830
Picken, Verity
89-004948
Picton, Harold D.
89-003760
89-003761
Piel, Robert
89-003146
Pielowski, Zygmunt
89-004135
Pienaar, U. de V.
89-003025
Pieper, R. D.
89-003193
Pierce, John D., Jr.
89-004227
Piersma, T.
89-004762
Pierson, Elizabeth Cary
89-005063
Pietila, Gregory
89-005479
Pigozzi, Giorgio
89-003643
Pikitch, Ellen K.
89-002822
Pikula, Jiri
89-002807
89-005095
Pillai, R. S.
89-005607
89-005811
89-005812
89-005813
89-005814
Pillsbury, Norman H.
89-003239
Pimm, Stuart L.
89-002808
Pincheira, B. J.
89-003934
Pinchera, Francesco
89-005178
89-005214
89-005215
Pinshow, B.
89-004585
89-005553
Pinshow, Berry
89-004586
Pinston, Hugues
89-005642
Pinto, A. S.
89-003427
Pinto, Carlos J. C.
89-003368
Piper, S. E.
89-005480
Piper, Walter H.
89-005481
Pirlot, P.
89-003634
Pirta, Raghubir Singh
89-004269
Pitocchelli, Jay
89-005482

AUTHOR INDEX

- Pitts, Richard M.
  - 89-003428
- Pivorun, Edward B.
  - 89-003658
- Pizzuto, Theresa M.
  - 89-003611
- Place, A. R.
  - 89-005034
- Plantier, Terry Lynn
  - 89-004949
- Plath, Lothar
  - 89-004408
- Platou, Karen A.
  - 89-003208
- Platten, M.
  - 89-003977
- Platz, Carrol C.
  - 89-005802
- Plavcan, J. Michael
  - 89-004270
- Plumb, Timothy R.
  - 89-003239
- Pobedonostseva, E. Yu.
  - 89-005821
- Pohajdak, Gloria Christine
  - 89-005288
- Poitevin, F.
  - 89-003372
- Pokras, Mark A.
  - 89-004447
- Poley, Dierk
  - 89-005483
- Poley, Dieter
  - 89-005483
- Poling, David L.
  - 89-003147
- Pollitt, C. C.
  - 89-005831
- Pollock, Ken
  - 89-002841
- Pollock, Kenneth H.
  - 89-004593
  - 89-004594
- Pond, Caroline
  - 89-003762
- Ponte, C. S.
  - 89-003357
- Porter, Jessica A.
  - 89-004112
- Porter, Stuart L.
  - 89-002946
  - 89-004547
  - 89-004548
- Posamentier, Heimo
  - 89-003500
- Pospisil, J.
  - 89-004197
- Possio, Giorgio
  - 89-003255
- Post Graduate Committee in Veterinary Science
  - 89-004079
- Post, William
  - 89-002957
- Poston, Bert
  - 89-004743
- Postovit, Bonnie C.
  - 89-005216
- Postovit, Howard R.
  - 89-005216
- Postupalsky, Sergej
  - 89-005217
- Potapov, V. A.
  - 89-003682
- Potgieter, F. T.
  - 89-004180
- Potter, Craig
  - 89-003148
- Potterton, Tony
  - 89-003026
- Pough, F. Harvey
  - 89-005762
- Pounds, J. Alan
  - 89-005628
- Powell, Frank L.
  - 89-004448
  - 89-005832
- Powell, George V. N.
  - 89-004782
- Powell, Roger A.
  - 89-003763
- Power, Damian
  - 89-005001
- Power, Dennis M.
  - 89-004313
  - 89-004882
- Power, Harry W.
  - 89-005326
- Powers, Donald R.
  - 89-005261
- Prado, J. C., Jr.
  - 89-003644
- Praedicow, Gunter
  - 89-005744
- Prakash, Ishwar
  - 89-003501
  - 89-003502
  - 89-003503
  - 89-003504
  - 89-003505
  - 89-003645
- Prance, G. T.
  - 89-003248
- Prasada Rao, P. D.
  - 89-005862
- Prasada Rao, P. V. V.
  - 89-004528
- Prather, Bill
  - 89-005484
- Pratt, C. J.
  - 89-005218
- Preece, David John
  - 89-003027
- Preece, Kathryn M.
  - 89-003060
- Pregill, Gregory
  - 89-005756
- Prematunga, W. P.
  - 89-003986
  - 89-003993
- Prendergast, Ron
  - 89-004015
- Prepas, E. E.
  - 89-003555
- Presch, William
  - 89-005833
- Prescott-Allen, Christine
  - 89-003028
- Prescott-Allen, Robert
  - 89-003028
- Prescott, John H.
  - 89-004033
- Presidente, P. J. A.
  - 89-004078
- Presidente, Paul J. A.
  - 89-004080
  - 89-004081
  - 89-004082
  - 89-004083
  - 89-004147
- Press, A. J.
  - 89-003270
- Preston, K.
  - 89-005485

AUTHOR INDEX

Prevost, L.
89-003571
Price, Roger D.
89-003646
Prince, P. A.
89-004139
Prins, A. J.
89-002851
Prinzinger, R.
89-005486
Prokosch, P.
89-004950
Provost, E. E.
89-003438
Pruett-Jones, S. G.
89-004951
Pryce, C. R.
89-004271
Pulliainen, Erkki
89-003764
Purrington, Robert D.
89-004952
Purroy, Francisco J.
89-003708
Puschmann, Wolfgang
89-004272
Putilov, A. A.
89-003506
Putman, R. J.
89-003271
Putnam, Charley
89-002861
Pyornila, Ahti
89-004451
Qin Zisheng
89-003244
Quan, Michael A.
89-003342
Quesada, Rafael
89-003662
Quinn, James F.
89-003045
Quinn, James S.
89-004953
Quinn, Thomas William
89-004747
Quy, Vo
89-002862
Rabenold, Kerry N.
89-003283
Rabol, Jorgen
89-005289
Racey, P. A.
89-003432
Radespiel, Ute
89-004278
Radford, A. P.
89-004479
Radke, Marcia F.
89-004954
Radke, William R.
89-004954
Rado, R.
89-003647
Rae, S.
89-005005
Raedeke, Kenneth J.
89-003264
Raftery, Adrian E.
89-004016
89-004050
Rahn, Hermann
89-004449
Raikow, Robert J.
89-005290
Rainboth, Walter J.
89-005834
Raivio, Suvi
89-004409
Ralph, C. John
89-004955
Rama Krishna, N. S.
89-005862
Ramalhinho, Maria da Graca
89-003648
Ramangason, G-S.
89-003097
Ramer, Robert J.
89-004943
Ramo, Cristina
89-004956
Ramos, Diniz
89-005835
Ramsey, M. W.
89-004480
Rand, A. Stanley
89-005835
Randi, Ettore
89-004148
Randriamasy, J-E.
89-003097
Ranner, Andreas
89-004781
Rao Bhau, L. N.
89-004711
Rao, Kishore
89-002896
89-003029
Raphael, Martin G.
89-002842
89-002843
89-002863
89-003808
89-004410
89-004411
Rapin, Pascal
89-004481
Rapp, Steven R.
89-005219
Rappaport, Andrew B.
89-004304
Rashid, M. A.
89-003879
Rasmussen, A. M.
89-003822
89-003826
Rasmussen, Jens B.
89-005598
Ratanabanangkoon, Kavi
89-005732
Ratterman, R. J.
89-005836
Raud, H.
89-004710
Rautenstrauch, Kurt R.
89-004113
Raveling, Dennis G.
89-004732
89-004748
Rawal, I. J.
89-004711
Rawlinson, P. A.
89-003323
89-005608
89-005772
Rayment, Rodney
89-004957
Read, A. J.
89-003951
Reardon, T.
89-003433
Reaume, Richard F.
89-003030

AUTHOR INDEX

Rebar, Cynthia Edith
89-003649
Rebstock, Helmut
89-005487
Reddacliff, G. L.
89-005837
Redente, Edward F.
89-003209
Redhead, T. D.
89-003507
Redig, Patrick T.
89-005240
Redmond, Gerald
89-004122
Redondo, J. L.
89-004693
Reebs, Stephan G.
89-005488
Reed, Lois J.
89-003240
89-003243
Reed, Mark
89-004017
Reed, Robert H.
89-003149
Reed, Ronald W.
89-005627
Reel, Susan
89-004493
Reeves, D. A.
89-005220
Reeves, Douglas A.
89-005140
Reeves, Randall R.
89-004018
Rego, A. Arandas
89-004273
Rego, Frederico De A., Jr.
89-003687
Reichard, Tim
89-002809
Reid, H. W.
89-004176
Reid, Nick
89-005489
Reid, Tim
89-004915
89-004958
Reif, Helmut
89-003508
Reig, Osvaldo A.
89-003590
Reig, Santiago
89-003673
Reilly, S. M.
89-005675
Reilly, Stephen M.
89-005676
Reinsch, Hans Heinrich
89-004412
Reiser, Mary Hildegard
89-004763
Reiswig, Barry
89-004502
Rendel, Cristina
89-004609
Renfree, M. B.
89-003360
Rennie, Frank W.
89-004959
Rennison, B. D.
89-003509
89-003510
89-003626
Renssen, T. A.
89-005325
Renton, John
89-004567
Renzoni, Aristeo
89-004512
Rey, J. M.
89-003995
Reynard, George B.
89-004413
Reynolds, Harry III
89-003787
Reynolds, Harry V. III
89-003339
89-003765
Reynolds, John D.
89-004960
Reynolds, K.
89-003345
Reynolds, Patricia E.
89-003765
Reynolds, W. T.
89-003345
Rhymer, Judith Margaret
89-004712
Ricciardi, Sue
89-004961
Rice, Leslie A.
89-003848
Rich, Gregory A.
89-004549
Richards, C. G. J.
89-003511
89-003512
Richardson, Bonham C.
89-003150
Richardson, K. C.
89-003371
Richins, Gary H.
89-004564
Ricklefs, Robert E.
89-004654
Ricossa, M. C.
89-005490
Riddle, Elizabeth P.
89-003151
Rideout, B. A.
89-004198
Rieger, John P.
89-004458
Rieppel, Oliver
89-005838
Riexinger, Patricia
89-003116
89-003152
Riis, Niels
89-005622
89-005677
Riley, Steve
89-004482
89-005491
Rimmer, Christopher C.
89-004962
Ringleben, Herbert
89-004963
Ringler, Robert F.
89-004414
89-004415
89-004749
Rising, J. D.
89-004450
Ritchie, Bill G.
89-004274
Ritter, Arthur
89-002852
Ritter, Martha Mae
89-003650
Rivas, Rosario
89-005824

AUTHOR INDEX

Roach, Justin Ray
89-005492
Robel, Detlef
89-004964
89-005585
89-005586
89-005587
Robel, Sigrid
89-005585
Roberson, Don
89-004416
89-004965
89-005069
Robert, Michel
89-004649
89-004966
Roberts, Jacquelin
89-004225
Roberts, R. Chad
89-004417
Roberts, Thomas A.
89-005538
Robertson, Jane
89-002897
Robertson, Jeremy G. M.
89-005646
89-005678
Robertson, Peter
89-005839
Robertson, William B., Jr.
89-005513
Robiller, Franz
89-004967
89-005221
Robiller, Maria
89-005221
Robineau, Daniel
89-003928
Robinson, Ann Y.
89-003031
Robinson, I. H.
89-003880
Robinson, John C.
89-004358
Robinson, Scott K.
89-005316
Robinson, T. J.
89-003442
Robinson, W. Douglas
89-004968
Rockwell, R. F.
89-004741
Rodgers, W. A.
89-002898
Rodman, Peter S.
89-004275
Rodrigues, V. L. C. C.
89-003361
Roeder, J. J.
89-004226
Rogers, Michael J.
89-004418
Rogers, Rachel
89-004276
Rohweder, Ronald S.
89-005109
Rohwer, Frank C.
89-004969
Rohwer, Sievert
89-004441
Roitman, Gustavo G.
89-005461
Rojas, Nancy
89-003662
Rolla, Donald A.
89-002844
Rollins, David
89-002817
Rolstad, Jorund
89-004571
89-004572
89-004573
Romagnano, Linda
89-005326
Roman, Charles T.
89-003153
Romanha, A. J.
89-003347
Romano, Michael A.
89-005658
Rominger, Eric M.
89-004149
Rongstad, Orrin J.
89-003681
Roof, Jayde C.
89-003881
Roonwal, M. L.
89-004277
Root, Terry
89-004419
Rooth, J.
89-002923
89-004970
Roper, Timothy J.
89-003821
Rorvik, Carl Jakob
89-004019
Rosa, A. C. O. C.
89-003642
Roscoe, Douglas E.
89-004529
Rose, Robert K.
89-003651
Rosenberg, Gary H.
89-004420
Rosenberg, Kenneth V.
89-004411
Roseneau, David G.
89-004933
Rosenfeld, M.
89-004020
Rosenzweig, Michael L.
89-002934
Rosmini, Roberto
89-003444
Ross, G. J. B.
89-004014
Ross, Linda Sue
89-003429
Ross, Peter S.
89-005077
Ross, Richard A.
89-005840
Rossiter, P. B.
89-002952
Rost, Fred
89-004650
89-005493
Rostad, Ole Wiggo
89-004500
Rotermund, Albert J., Jr.
89-005796
Roth, Hans U.
89-003706
89-003728
89-003729
89-003766
Roth, Roland R.
89-003532
Rothe, H.
89-004278
Rothstein, Aron
89-004199

AUTHOR INDEX

Rothwell, J. T.
89-003362
Roudebush, Roger E.
89-005679
Roudybush, T. E.
89-005572
Roulin, Bernard
89-002958
Roundy, Bruce A.
89-003210
Rouvinen, Kirsti
89-003691
Rowell, Allen Lloyd
89-002899
Rowlett, R.
89-003973
Royer, Ronald A.
89-005588
Ruben, Laurens N.
89-005680
Ruff, Robert L.
89-003706
89-003714
89-003755
Ruffer, Jay
89-005738
Rugh, David
89-004021
Ruhme, Dick
89-004331
Rumpler, Y.
89-004231
89-004279
Runde, D. E.
89-004651
Rupprecht, Charles E.
89-003793
89-003816
Rusanov, G. M.
89-004676
Rusch, Donald H.
89-004575
Rusler, Renee Denise
89-003308
Russell, Anthony P.
89-005828
89-005841
Russell, Robert
89-003863
Rutschke, Erich
89-004750
Ryan, Mark R.
89-004759
Ryan, Michael J.
89-003399
89-005546
89-005681
Ryan, P. G.
89-004971
Ryder, Oliver A.
89-003032
Ryser, Jan
89-005682
Saarela, Seppo
89-004451
Saarenmaa, H.
89-002845
Saarenmaa, Hannu
89-003340
Sabater-Pi, J.
89-004216
Sabatier, Daniel
89-005393
Saber, A. S.
89-004135
Sabin, Walton B.
89-004672
Sabnis, S. G.
89-004198
Sackl, Peter
89-004731
89-004820
Sadigursky, M.
89-003365
Saenz de Buruaga, Mario
89-003708
Safina, Carl
89-004972
89-004973
89-005494
Safriel, Uriel N.
89-003211
89-004310
89-005291
Saharia, V. B.
89-002900
89-003033
Saino, Nicola
89-004631
Saint-Girons, H.
89-005842
Saitoh, Takehisa
89-003639
Sakai, Howard F.
89-005495
Sakai, Toni Jean Y.
89-005719
Sakakibara, Shigeki
89-005496
Sakshaug, Egil
89-003061
Sale, J. B.
89-002901
89-003034
Saleh, M. S. M.
89-003498
Salit, A. M.
89-003474
Salit, Ali M.
89-003513
89-003514
89-003573
89-003580
89-003652
89-003670
Saliva, Jorge
89-005042
Saliva, Jorge E.
89-004974
Sall, Torbjorn
89-004998
Sallee, G. William
89-004975
Salmon, Terrell P.
89-003523
Salvador, Alfredo
89-005843
Salvo, Giovanni
89-005497
Samaras, William F.
89-004022
Samenwerkende Organisaties Vogelonderzoek Nederland
89-004421
89-005498
Samson, Fred B.
89-003882
Sanchez, F. F.
89-003476
Sanchez, Julio E.
89-005499
Sandegren, Finn
89-003699

AUTHOR INDEX

Sandercoe, C. S.
89-003272
Sanders, Susan D.
89-005397
89-005419
Sanderson, K. D.
89-003246
Sanderson, Ken J.
89-003354
Sandfort, Calvin E.
89-005132
Sandig, Hans
89-004561
Sanecki, Robin
89-005805
Sanpera, C.
89-004023
Santamarina, Jesus
89-003383
Santana C., Eduardo
89-005589
Santillo, David J.
89-003301
89-005292
Santos, Jarbas E.
89-003423
Sarig, G.
89-005683
Sarker, Noor Mohammad
89-002902
Sarver, Patricia
89-004589
Sasser, R. Garth
89-004132
Sasvari, L.
89-004483
89-005500
Sather, J. Henry
89-003154
Sati, J. P.
89-004210
Sato, Eimei
89-004606
Satrawaha, R.
89-005720
Satterfield, William C.
89-005132
Sauer, Joachim
89-005222
Sauer, John R.
89-004494
Saugey, David A.
89-005601
Saulei, S. M.
89-003241
Saunders, Denis
89-002864
Saunders, Glen
89-004200
Saurola, Pertti
89-004495
Savage-Rumbaugh, Sue
89-004219
Savage, Anne
89-004280
89-004281
Sawhill, G. S.
89-003035
Sawicki, Richard J.
89-004976
Saxena, R. C.
89-003475
Saxena, Rajendra N.
89-003661
Sayre, Mark W.
89-004601
Scaglia, Orlando A.
89-003590
Scanes, C. G.
89-005511
Scappi, A.
89-005230
Scarlatos, P. D.
89-003155
Schadt, J. C.
89-003528
Schaefer, Kurt
89-005223
Schaeffer, G.
89-004273
Schaffer, Nan
89-004201
89-004282
Schaffer, Scott
89-004213
Schaffner, F. C.
89-005064
Scharenberg, Wolfgang
89-004530
Scharf, William C.
89-004977
Schew, William A.
89-004806
Schicker, Lisa
89-003036
Schilde, Dieter
89-005501
Schlarbaum, K. P.
89-005220
Schlarbaum, Kerry P.
89-005140
Schlatter, Roberto P.
89-004935
Schlemper, Bruno R., Jr.
89-003367
Schlesinger, William H.
89-003247
Schlinger, Barnett Alan
89-004595
Schlyter, Fredrik
89-005691
Schmeckebier, Dieter
89-004937
Schmidt, Catherine A.
89-003549
Schmidt, Karl-Heinz
89-005416
Schmidt, Klaus
89-004422
Schmidt, Owen
89-004852
Schmidt, Reinhard
89-004978
Schmidt, Robert H.
89-003003
89-003717
Schmitt, C. Gregory
89-004979
Schmitz, Luc
89-004980
Schmuck, R.
89-005684
Schnase, John L.
89-005502
Schneider, R.
89-004678
89-004713
Schoen, John W.
89-003767
89-003768
Scholz, Afonso F.
89-003367

AUTHOR INDEX

- Schonert, Bernhard
  - 89-004764
  - 89-004981
  - 89-004982
- Schonert, Helmuth
  - 89-004983
- Schreiber, Elizabeth A.
  - 89-004652
- Schreiber, Ralph W.
  - 89-004652
  - 89-005248
  - 89-005460
- Schroeder, J. Pete
  - 89-004024
- Schroeder, Mark T.
  - 89-003769
- Schrupp, Donald L.
  - 89-004109
- Schubert, Peter
  - 89-004423
  - 89-005224
  - 89-005503
- Schubert, S.
  - 89-005169
- Schuchmann, K.-L.
  - 89-005486
- Schultz, D. M.
  - 89-005480
- Schulz-Schalge, Thomas
  - 89-003320
- Schuster, Mark N.
  - 89-005844
- Schuster, N. H.
  - 89-003286
- Schwab, Don, Sr.
  - 89-004531
- Schwab, Robert G.
  - 89-003887
- Schwan, Tom G.
  - 89-004984
- Schwanke, Werner
  - 89-004750
- Schwartz, Charles C.
  - 89-003770
- Schwartzman, Robert J.
  - 89-005708
- Schwarze, Eckart
  - 89-004864
- Schwede, Georg
  - 89-004104
- Schweinsburg, Ray
  - 89-003778
- Schwenk, Kurt
  - 89-005845
- Schwenn, Celeste
  - 89-004150
- Scifres, C. J.
  - 89-003212
- Scimeca, J. M.
  - 89-004283
- Scolaro, Jose Alejandro
  - 89-003595
  - 89-005071
- Scott, C.
  - 89-005568
- Scott, D. A.
  - 89-002923
  - 89-004653
- Scott, J. Michael
  - 89-004648
- Scowcroft, Paul G.
  - 89-002877
  - 89-005504
- Seager, S. W. J.
  - 89-004177
- Sealy, Spencer G.
  - 89-005424

...CONTINUED...

- Sealy, Spencer G.
  - 89-005505
- Sease, John L.
  - 89-003948
- Sebastian, Anthony C.
  - 89-004214
- Seibels, Robert E.
  - 89-005327
- Seidensticker, J.
  - 89-003842
- Seifu, Mohamedi
  - 89-004239
- Seigel, Richard A.
  - 89-005759
- Seitz, Ekkehard
  - 89-005506
- Selin, Karl
  - 89-004690
- Sellers, Richard A.
  - 89-003785
- Sellin, Dietrich
  - 89-004424
  - 89-004736
  - 89-005065
- Septon, Gregory A.
  - 89-005225
- Serdyuk, V. A.
  - 89-003548
- Serpell, James
  - 89-005569
- Serra-Cobo, J.
  - 89-003430
- Servello, Frederick A.
  - 89-004574
- Serventy, D. L.
  - 89-005022
- Servheen, Christopher
  - 89-003771
- Servheen, Christopher W.
  - 89-003707
- Servheen, Gregg
  - 89-004151
- Sever, Z.
  - 89-003653
- Severtsov, A. S.
  - 89-005692
- Sexton, O. J.
  - 89-005674
- Seyffert, Kenneth D.
  - 89-004985
  - 89-005507
- Seymour, Roger
  - 89-005620
- Seymour, Roger S.
  - 89-005641
  - 89-005846
  - 89-005847
- Shabman, Leonard
  - 89-003156
- Shachak, Moshe
  - 89-003222
- Shackford, John S.
  - 89-004562
- Shafi, M. M.
  - 89-003515
- Shah, S. K. H.
  - 89-003363
- Shalaeva, N. M.
  - 89-003542
- Shalaway, Scott D.
  - 89-004598
- Shalmon, B.
  - 89-004202
- Shandruk, Leonard J.
  - 89-004744
- Shapovalov, S. I.
  - 89-003556

Shargo, Eric Samuel
89-003692
Sharrock, J. T. R.
89-005508
Shaughnessy, P. D.
89-004025
Shaw, Carrie Anne
89-003157
Shaw, Jeffrey J.
89-003328
Shaw, William W.
89-002972
89-003274
Shea, Russell E.
89-004654
Sheehy, Dennis Patrick
89-004084
Sheldon, J. C.
89-003037
Shen, Ching-Liang
89-003550
Shenbrot, G. I.
89-003654
Shepherd, N. C.
89-003364
89-004085
Sheppard, Christine
89-002965
Sherburne, James A.
89-003683
Sherlock, I. A.
89-003365
Shi Liming
89-004152
Shibahara, Toshiyuki
89-004241
Shields, K. M.
89-005572
Shields, Kristin M.
89-004986
Shields, W. M.
89-005509
Shields, William M.
89-002936
Shilnikov, V. I.
89-003902
Shine, Richard
89-005848
89-005850
Shirihai, Hadoram
89-005510
Short, Lester L.
89-004471
Short, R. V.
89-003360
Shpun, S.
89-005685
Shuford, W. David
89-005013
89-005275
Shuntov, V. P.
89-004655
89-005066
Siegel-Causey, Douglas
89-005067
89-005068
Siegfried, Lynne M.
89-004545
Siegfried, W. R.
89-004656
Siemers, Richard J.
89-002811
Siess, Margaretha
89-004278
Sievert, Paul R.
89-004532
Sigurjonsson, Johann
89-003963
89-004026
89-004027
89-004038
Silberbauer, M. J.
89-003916
89-003917
Silberman, Morton S.
89-003038
Sileo, Louis
89-004532
Silva Pereira, A. A.
89-003427
Silverin, B.
89-005511
Simeon, Daniel
89-005226
Simerson, Curby F.
89-004058
Siminski, Peter
89-003547
Simmons, Claire A.
89-003775
Simonis, Stefan
89-005416
Simons, Elwyn L.
89-004284
Simpson, James M.
89-003107
Simpson, Thomas A.
89-003273
Sinclair, A. R. E.
89-003039
Singh, Arjan
89-003674
Singh, Jit
89-003883
Singh, L. A. K.
89-005849
Singh, Narayan
89-002865
Singh, Samar
89-002903
89-002904
89-003040
Sinha, N. K.
89-004136
89-004153
89-004203
Sinsch, Ulrich
89-005686
89-005687
Sipple, William S.
89-003158
Sis, Raymond F.
89-004036
Skaaning, S.
89-003906
Skaggs, R. W.
89-003079
Skaren, Uolevi
89-003322
89-003827
Skead, D. M.
89-004683
Skiles, J. W.
89-002825
Skinner, D. C.
89-003890
Skinner, J. D.
89-003442
89-003890
Skinner, Jimmie C.
89-004225
Skira, I. J.
89-005022

Skjoldal, Hein Rune
  89-003061
Sklepkovych, Bohdan Olaf
  89-002959
Skora, K. E.
  89-004028
Skovlin, Jon M.
  89-003041
Skrivan, P.
  89-003302
Skriver, Peter
  89-005688
Slade, J. B.
  89-003291
Sladen, Fred W.
  89-004425
Slagsvold, Tore
  89-005517
Slater, P. J. B.
  89-003405
Slee, K.
  89-004154
Slip, David J.
  89-005850
Sloan, Denise Lynn
  89-004596
Slobodchikoff, C. N.
  89-002935
  89-002936
Slooten, Elisabeth
  89-003936
  89-004029
Smal, C. M.
  89-003828
  89-003831
Small, M. F.
  89-005293
Small, Mary F.
  89-004426
Small, Robert J.
  89-004575
Smeins, Fred E.
  89-003213
Smit, T.
  89-004533
  89-004534
  89-004535
  89-004536
Smith, D. G.
  89-004508
Smith, Dwight G.
  89-004794
  89-005141
Smith, G. E. John
  89-005001
Smith, Geoffrey
  89-004874
Smith, Gerald A.
  89-005512
Smith, Hanley K.
  89-003159
Smith, James Dale
  89-003407
Smith, John
  89-003778
Smith, Kathleen K.
  89-003309
Smith, Kent A.
  89-002920
Smith, Kimberly G.
  89-003587
  89-004427
Smith, Martha A.
  89-003557
Smith, P. William
  89-005513
Smith, Philip H.
  89-004987
Smith, R.
  89-004993
  89-005005
Smith, R. I.
  89-004673
Smith, R. Jefferson
  89-004320
Smith, Rosemary J.
  89-002953
Smith, Stephen A.
  89-003431
Smith, Thomas Bates
  89-004320
Smith, Tommy R.
  89-003772
Smits, Allan W.
  89-002928
Smyth, J. A.
  89-003977
Smythe, Victoria
  89-002846
Smythe, W. R.
  89-003516
Snedden, W. Andy
  89-004537
Snell, Heidi M.
  89-005851
Snell, Howard L.
  89-005851
Sniegowski, Paul Donald
  89-005514
Snow, D. W.
  89-005515
Snowdon, Charles T.
  89-004285
Snyder, Helen A.
  89-005227
Snyder, Noel F. R.
  89-005227
  89-005570
Snyders, N.
  89-002960
Sobral, A. P.
  89-003957
  89-003958
  89-003959
Sodhi, Navjot S.
  89-004428
Soejarto, D. D.
  89-003242
Soil Conservation Service
  89-002788
  89-002789
Sokabe, Masahiro
  89-005560
Sokolov, V. E.
  89-003654
Solberg, John W.
  89-003785
Solheim, Stephen L.
  89-004097
Soliman, Sohail
  89-003663
Solorzano, Alejandro
  89-005852
  89-005853
  89-005854
Somma, Louis A.
  89-005855
Sommer, Volker
  89-004286
Sone, Mototaka
  89-003976
Sonerud, Geir A.
  89-003517

Song Yujun
  89-004565
Sonntag, Ron M.
  89-004030
Sonntag, Ronald M.
  89-004031
Soppa, U.
  89-003633
Sorensen, Ella
  89-004988
Sorensen, Soren
  89-004429
Sorensen, Tom
  89-005386
Sorenson, Michael D.
  89-004617
Sormin, Benni H.
  89-002791
Sosebee, Ronald E.
  89-003214
Soto, Julio G.
  89-005856
  89-005857
Soudack, A. C.
  89-002817
Southern, William E.
  89-004647
Southgate, R. I.
  89-003277
Soutiere, Edward C.
  89-004714
Souza-Leao, S. M.
  89-003350
Sowls, Arthur L.
  89-004638
  89-005057
Spagnesi, Mario
  89-003444
Spalding, Marilyn G.
  89-004657
Sparrow, Paula
  89-002847
Sparti, Andrea
  89-003384
Speake, Dan W.
  89-003876
Speakman, J. R.
  89-003432
Spearpoint, Jean
  89-005228
Spearpoint, Mike
  89-005228
Speer, Gero
  89-005229
Speich, Steven M.
  89-004538
Spellerberg, Ian F.
  89-005706
Spencer, Kevin T.
  89-004614
Spencer, Stephen R.
  89-003655
Spendelow, Jeffrey A.
  89-004989
Sperling, Dietmar
  89-004484
Sperling, Hans-Jurgen
  89-005312
Spidso, Tor K.
  89-004576
Spielman, Andrew
  89-002951
Spilliaert, R.
  89-003896
  89-004032
Spina, F.
  89-005230
Springer, Alan M.
  89-004933
Springer, Mark Stanley
  89-003366
Squires, Linda
  89-003791
Staicer, Cynthia A.
  89-005516
Stair, John L.
  89-002866
Stakhiv, Eugene Z.
  89-003160
Stallcup, Richard
  89-005069
Stamps, Judy A.
  89-005858
Stanfill, Peggy S.
  89-004225
Stanley, Donald W.
  89-003161
Stansley, William
  89-004529
Stasz, Jim
  89-004430
Stebbins, William C.
  89-004254
Steele, C. W.
  89-005859
Steele, Michael Alan
  89-003543
Steen, Johan B.
  89-004689
Steen, M.
  89-004128
Steenhof, Karen
  89-005231
Stefansson, E.
  89-003906
Steffen, Dolores K.
  89-005297
Stegemann, Klaus-Dieter
  89-005232
Stein, N.
  89-002921
Steindel, Mario
  89-003367
  89-003368
Steiner, A. J.
  89-003260
Steiner, Charles
  89-004603
Steinnes, E.
  89-004514
Stelmock, Jim J.
  89-003773
Stenberg, Kathryn
  89-002972
  89-003274
Stenmark, Geir
  89-005517
Stenzel, Lynne E.
  89-004647
  89-004943
Stephens, Daniel A.
  89-004990
Stephens, James E.
  89-004990
Stephenson, R.
  89-004715
Stephenson, Richard
  89-004452
Stephenson, Richard A.
  89-003162
Stern, Richard
  89-002905
Sternberg, James
  89-005860

AUTHOR INDEX

Stevens, Elizabeth Franke
89-004204
Stevens, L.
89-003750
Stevenson, Henry M.
89-004431
89-005513
Stewart, Julie
89-003796
Stewart, Laura Jane
89-003042
Stewart, P.
89-003097
Stewart, Paul A.
89-005518
Stewart, Shawn T.
89-003775
89-004181
Steyn, Peter
89-002961
Stiles, Edmund W.
89-002937
Stock, Michael K.
89-002927
Stocker, G. C.
89-003246
89-003275
Stoddart, D. Michael
89-003518
Stokhaug, Cheryl
89-003797
Stone, Charles P.
89-002796
Stone, Gregory S.
89-004033
Stone, Jeff N.
89-003702
Stone, N. D.
89-002845
Stone, Ward B.
89-004539
Stopfords, G. P.
89-004921
Story, J. D.
89-003866
Stotts, Daniel B.
89-004682
Stoyan, Nina
89-004442
Stracciari, Gian Luigi
89-003444
Strache, Rolf-Rudiger
89-005328
89-005519
89-005520
Strachen, Gary
89-004955
Strait, Rebecca A.
89-003293
Strangeman, P. J.
89-005070
Strassburg, Helmut
89-005233
Strate, Robert Henry
89-005689
Strathearn, Stewart M.
89-003735
Street, M.
89-004658
Strickland, K.
89-004006
Strijbosch, H.
89-005861
Stringham, Stephen F.
89-003774
Stroh, James C.
89-003656
Stromberg, Gunnar
89-005690
89-005691
Strong, Allan M.
89-004991
Strong, Paul I. V.
89-004765
89-004766
Stroud, David A.
89-004737
Stroud, Richard K.
89-004502
Struger, J.
89-004783
Stuart, James N.
89-005749
Stuber, Patricia J. Ruta
89-003163
Studer, Anita
89-005329
Stuen, Odd H.
89-004576
Sturm, Albrecht
89-005521
Sturzebecher, Dieter
89-005276
Stutterheim, Irene M.
89-005330
Suarez, Roberto
89-003662
Subhedar, Nishikant
89-005862
Suburo, Anglea Maria
89-005071
Sugawara, Moriyuki
89-003657
Sugihara, Neil G.
89-003240
89-003243
Sullivan, Brian K.
89-005681
Sullivan, D. S.
89-003445
Sullivan, Joseph P.
89-004992
Sullivan, Kimberley A.
89-005522
Sullivan, T. P.
89-003445
Sulzbach, D. S.
89-003568
Sumardja, Effendy A.
89-002906
Sumba, S. J. A.
89-005234
Summers-Smith, D.
89-005376
Summers, R. W.
89-004659
89-004993
Sun, Moses
89-002831
Sundberg, J. P.
89-003346
Sundqvist, C.
89-003829
Surova, G. S.
89-005692
Sutherland, S. K.
89-005739
89-005863
Suttie, J. M.
89-004155
Sutton, Bettye B.
89-004225
Suvanakorn, Phairot
89-002907

Suwa, T.
89-005566
Suzuki, Tsutomu
89-005358
Svobodnik, Jan
89-004517
Svobodova, Rut
89-004517
Swaine, M. D.
89-003241
Swank, Wendell G.
89-003838
Swanson, Gary N.
89-005523
Swanson, George A.
89-004674
Swanson, Sherman
89-003215
Sweeney, Steven J.
89-003841
Swenson, Jack D.
89-005039
Swenson, Jon E.
89-003775
89-004181
89-005524
Swift, J. A.
89-004660
89-004675
Swift, Russell
89-005785
Sych, V. F.
89-004607
Sylvestre, Jean-Pierre
89-004034
Symens, Peter
89-005149
Symmes, David
89-004218
Szczurkowski, Aleksander
89-003376
Szeplaki O., E.
89-004305
Tabata, Takahiro
89-005582
Tabor, Roger
89-003884
Tacha, Thomas C.
89-004734
89-004745
89-004994
Taggart, Spencer James
89-004035
Tainton, N. M.
89-003186
Takahashi, Hidenobu
89-005819
89-005820
Takahashi, Yoshiyuki
89-003780
Takei, Yoshio
89-004597
Talamantes, Frank
89-003534
Talent, Larry G.
89-004598
Tamm, Staffan
89-005262
89-005263
Tanaka, S.
89-005822
Tanaka, T.
89-004046
Tannenbaum, Michael G.
89-003658
Tanner, C.
89-005740
Tanner, Ian
89-004995
Tantawi, Hamid Hassan
89-003519
Tantawy Omar, M.
89-003572
89-003573
89-003580
89-003652
Tarantal, Alice Faye
89-004287
Tarburton, M. K.
89-005264
Tarpley, Raymond J.
89-004036
Taylor, Alan H.
89-003244
Taylor, Daniel M.
89-004373
Taylor, Douglas H.
89-004312
Taylor, K. D.
89-003520
89-003521
Taylor, Mitchell
89-003778
Taylor, Mitchell K.
89-003776
89-003777
Taylor, Peter
89-004086
89-005525
Taylor, R. D.
89-003010
Taylor, R. J.
89-003433
Tchernov, E.
89-003677
Teather, Kevin Lee
89-005331
Teer, James G.
89-003043
89-003216
Tefft, Zachary
89-005526
Tejedo, Miguel
89-005693
Telfer, Thomas C.
89-004114
Telford, Sam R. III
89-002951
Telford, Sam Rountree, Jr.
89-005864
Telltuly, S. B. B.
89-004195
Temme, M.
89-003574
Temple, Stanley A.
89-004432
89-004540
Terhivuo, Juhani
89-005694
Terhune, J. M.
89-004020
Terkel, J.
89-003647
Terpstra, K.
89-005375
Terrill, S. B.
89-005527
Terrill, Scott B.
89-004420
89-005348
Tesh, Robert B.
89-003327
Tester, J. R.
89-003613

Tewary, P. D.
89-005533
Thaine, C.
89-004927
Thakur, R. K.
89-002810
Theade, John
89-003337
Thery, Marc
89-005393
Thiollay, Jean-Marc
89-005235
Thomas, C.
89-005005
Thomas, G. J.
89-003164
89-004541
Thomas, I.
89-003676
Thomas, Jack Ward
89-003196
Thompson, Bruce C.
89-004647
Thompson, D. B.
89-003458
Thompson, E. Gregory
89-003592
Thompson, Frank R. III
89-004577
Thompson, Frank Richard III
89-004578
Thompson, G. G.
89-003614
Thompson, Garth
89-003044
Thompson, Jeremy John
89-005528
Thompson, Michael
89-005865
Thompson, Michael B.
89-005588
Thompson, Steven P.
89-004538
Thomsett, S.
89-005131
Thomsett, Simon
89-005236
Thomson, D. L.
89-004716
Thorbjarnarson, John B.
89-005866
Thormahlen, Mark P.
89-005561
Thorn, Erik
89-003434
Thornton, I. W. B.
89-003323
89-005772
Thorpe, R. S.
89-005867
89-005868
Thorsell, J. W.
89-002908
Thorsell, James W.
89-002909
Thouless, C. R.
89-005237
Tidemann, C. R.
89-003323
Tilman, D.
89-003613
Tilson, R. L.
89-003889
Timberlake, William
89-003659
Timm, Robert M.
89-003522

...CONTINUED...
Timm, Robert M.
89-003523
Tiner, Ralph W., Jr.
89-003165
Tinkle, Donald W.
89-005735
Titus, Kimberly
89-005201
Titus, Tom A.
89-005695
Toda, Tatsuki
89-003980
Todd, Arlen W.
89-003439
Todd, William
89-005529
Todhunter, R.
89-003369
Todte, I.
89-005530
Tofft, Jesper
89-004751
Tokiwa, Hirohisa
89-003976
Tolezano, J. E.
89-003660
Tollan, Andrew M.
89-005238
Tolman, Andrews L.
89-003166
Tolson, Peter J.
89-005332
Toma, Helena K.
89-003367
Toma, Helena Keiko
89-003368
Tomasello, Michael
89-004288
Tome, Michael W.
89-004717
89-004718
Tomelleri, Joseph R.
89-002795
Tomkovitch, P. S.
89-004936
Tommasi, M.
89-003316
Tommeraas, Per J.
89-005239
Topper, M. J.
89-003346
Tordoff, Harrison B.
89-005240
Torgerson, R. W.
89-003346
Torok, J.
89-004483
Tostain, Olivier
89-005531
Toth, L.
89-004483
Touchi, A.
89-005566
Trail, Pepper W.
89-005532
Traill, B. J.
89-005571
Trainer, Jill M.
89-005333
Trapezov, O. V.
89-003830
Tree, Tony
89-004661
Trevino, Jose C.
89-003779
Tripathi, P. M.
89-005533

Tripepie, Sandro
89-005241
Tripp, James T. B.
89-003167
Trocchi, Valter
89-003444
Trollope, Jeffrey
89-005534
Trombulak, Stephen C.
89-003544
Trueb, Linda
89-005631
Trulio, Lynne Ann
89-003545
Trull, Peter
89-004996
89-004997
Tsubota, Toshio
89-003780
Tsunoda, L.
89-003973
Tsutsui, Kazuyoshi
89-003661
Tu, Anthony T.
89-005869
Tucker, Priscilla K.
89-003435
Tueller, P. T.
89-003217
Tueller, Paul T.
89-003208
Tunison, J. Timothy
89-002796
Turek, James G.
89-003168
Turet, Philip
89-004016
89-004050
Turk, A.
89-003546
Turner, D. L.
89-004715
Turner, David L.
89-003723
Turner, Frederick B.
89-005834
Turner, Monica Goigel
89-004205
Turner, Thomas M.
89-002847
Turnipseed, Glyn
89-005601
Tweddle, D.
89-005590
Twigg, G. I.
89-003524
Tyler, Harry P., Jr.
89-003169
Tyler, M. J.
89-005696
Tyler, Wm. Breck
89-005072
Tzilkowski, Walter M.
89-003868
Uchida, K.
89-005745
Udvardy, Miklos D. F.
89-004998
Ueda, Keisuke
89-005242
Ueda, Masayuki
89-005870
Ueki, Tatsuhito
89-003245
Uenishi, Rogerio S.
89-004194
Ulfvens, Johan
89-004758
89-004767
Ullman, Magnus
89-004692
Unitt, Philip
89-005277
89-005535
89-005536
Unwin, G. L.
89-003246
89-003275
Upreti, Biswa N.
89-002910
Upton, Steve J.
89-004037
89-005798
89-005871
Urena, Francisco
89-003662
Utter, James M.
89-005494
Uttley, J. D.
89-004927
Vagvolgyi, Joseph
89-005537
Vagvolgyi, Maria W.
89-005537
Vahala, J.
89-004197
Valade, James A.
89-003900
Valdes, Alberto
89-005697
Valdez, Conrado A.
89-004194
Valdivia B., C. Jaime
89-004257
Valentim, A. M.
89-003660
Valentine, Bradley E.
89-005353
89-005538
Valentine, P. S.
89-003227
Valette, E.
89-003329
Vallentine, John F.
89-003218
van Aarde, R. J.
89-003890
Van Ballenberghe, V.
89-003341
van Beek, H.
89-004534
van Berkum, Fredrica H.
89-005872
van den Berg, Arnoud B.
89-005073
89-005243
van der Burg, Eugene
89-004433
Van der Groen, G.
89-003525
van der Merwe, Sanette M.
89-003324
Van der Straeten, E.
89-003601
van der Toorn, J. D.
89-003941
van der Valk, A. G.
89-003109
van der Valk, Arnold
89-003170
Van Devender, Tom
89-003547

van Dongen, Ruud M.
89-004433
van Eerden, M. R.
89-004762
van Franeker, Jan A.
89-004542
van Gaalen, M. A.
89-003974
van IJzendoorn, Edward J.
89-004999
van Lieshout, C. G.
89-004534
van Ommen, Erik G. C.
89-004999
van Riper, Charles III
89-003045
van Trung, Thai
89-002911
Van Vreede, Gary
89-004115
van Wyk, J. H.
89-005873
van Zoest, J. G. A.
89-005244
van Zyll de Jong, C. G.
89-003385
Vance, Kathleen P.
89-004945
Vander Haegen, W. Matthew
89-004601
Vargas, J. Mario
89-003570
Varner, L. W.
89-004102
89-004187
Varner, Larry W.
89-004188
Vaucher, Claude
89-005540
Vaughan, Michael R.
89-003704
89-003715
89-003726
Vejaboosakorn, Seri
89-002912
Velasquez, Claudio R.
89-004935
Venables, Barney J.
89-004857
Verdoorn, Gerhard H.
89-005245
Verhagen, R.
89-003525
Verme, Louis J.
89-004116
Vermeer, Kees
89-005000
89-005001
Verner, Jared
89-002867
89-003046
89-004367
89-004434
Vernon, C. J.
89-004788
Verrell, Paul A.
89-005698
Verroken, Dirk
89-005382
Verroken, Luc
89-005382
Vertjankin, V. V.
89-003971
Vexenat, J. A.
89-003642
Via, Jerry W.
89-004776
Vides-Almonacid, Roberto
89-004435
Vidic, Trevor F.
89-004436
Viebke, P. A.
89-005511
Vielliard, Jacques
89-005329
Viitala, Jussi
89-003669
Vikingsson, Gisli
89-004026
89-004038
Viksne, J.
89-004719
Villela, Maria Elizabeth
89-003446
Viney, Clive
89-005539
Vinicombe, K. E.
89-005002
Vinogradov, V. V.
89-004676
Vinovrski, Zvonimir
89-003706
Viravan, Chaisin
89-005794
Virkkala, Raimo
89-004314
Vishwanath, B. Sannanaik
89-005874
Visser, P. S.
89-004185
Vitt, Laurie J.
89-005737
Vladimirov, V. L.
89-003904
Vliet, Kent
89-005785
Vogt, Joseph E.
89-003885
Vohralik, Vladimir
89-003386
Vohs, Paul A.
89-004994
Vokler, Frank
89-004437
Volkert, William K.
89-004438
Volleth, M.
89-003436
von Proschwitz, Ted
89-005600
Voorhees, Dorothy P.
89-004632
Vora, Robin S.
89-003276
Vorlicek, G. C.
89-005803
Vorontsov, N. N.
89-003548
Voser, Isabelle
89-005540
Voss, Robert S.
89-003526
Vossen, Paul
89-005246
Voytko, Richard A.
89-004579
Wada, Shiro
89-004039
89-004040
Waddell, William
89-005247
Wagner, Richard H.
89-004973

Wagner, William D.
89-005248
Wahid, Intisar N.
89-003567
Wahl, Terence R.
89-005074
Wahlen, Bruce E.
89-004041
Wainwright, Joanne
89-003194
Waithaka, John M.
89-003597
Waldvogel, Jerry A.
89-004485
Walford, Verena R.
89-005454
Walinder, G.
89-004662
Walinder, Goran
89-005437
Walke, John W.
89-003651
Walker, B. H.
89-003047
Walker, L. A.
89-004042
Wallace, Arthur
89-003219
Wallace, Jonathan P.
89-004861
Wallace, R. S.
89-004198
Waller, Donald M.
89-002913
89-004097
Wallschlager, D.
89-004698
Walmsley, J. G.
89-004685
Walsberg, Glenn E.
89-003549
Walsh, Joan M.
89-005003
Walsh, Michael T.
89-004037
Walsh, Patrick B.
89-003693
Walters, David G.
89-004246
Walters, R.
89-003097
Walton, D. W. H.
89-004139
Wang Ding
89-003921
Wang Duojiang
89-004289
Wang Hong
89-004265
Wanless, S.
89-005004
Ward, A. J.
89-004043
Ward, D. P.
89-003831
Ward, Sally
89-002914
Warde, William D.
89-004106
Waring, Richard H.
89-003247
Warner, James LeRoy
89-005875
Warner, Richard E.
89-002811
Warner, Susan H.
89-003781
Warnock, Nils
89-004486
Warrell, David A.
89-005794
Warren, R. B.
89-005249
Warter, S.
89-004279
Warui, C. N.
89-004453
Waser, Peter M.
89-003312
Washburne, Donna L.
89-003659
Wasilewski, A.
89-005075
Wass, Richard C.
89-002877
Wassef, Hilda Y.
89-004206
Wassif, Kamal
89-003575
89-003663
Wassmann, Ralf
89-005541
Watanuki, Yutaka
89-005076
Waters, Jeffrey R.
89-004439
Waters, Tim
89-003998
89-003999
Wathen, William G.
89-003782
Watkins, B. P.
89-002868
Watson, A.
89-005005
Watson, Adam
89-004569
Watson, Graeme F.
89-005609
Watts, Bryan D.
89-005006
Watts, David P.
89-004290
Watts, Paul D.
89-004044
Wawiye, J. Y.
89-003048
Way, J. M.
89-003268
Weathers, Wesley W.
89-005543
Weaver, D. F.
89-003171
Weaver, James D.
89-005110
Weaver, Richard A.
89-004182
Weavers, B. W.
89-003358
Webb, Grahame J. W.
89-005876
Webb, N. R.
89-003057
Webber, Michael
89-005860
Weber, Darius
89-003832
Weber, John W.
89-005007
Weber, Peter
89-003783
89-003784
Weber, Ralf
89-005542

AUTHOR INDEX

Webley, G. E.
89-004291
Webster, Marcus D.
89-005543
Wechsler, Beat
89-005334
89-005335
Wederkinch, Erich
89-005598
89-005604
89-005622
89-005699
Wedgwood, Jim A.
89-005278
Wegge, Per
89-004571
89-004573
Wegrzyn, John Gregory
89-003558
Weichel, Klaus
89-005544
Weick, Friedhelm
89-004603
Wein, G. R.
89-004621
Weiner, J.
89-003664
Weinhardt, Diane
89-002848
Weir, Evelyn H.
89-002947
Weisenseel, K. A.
89-004243
Weisenseel, Karen A.
89-004267
Welch, Bruce L.
89-003200
Welch, Fiona
89-005245
Weller, Milton W.
89-003172
Wells, A. G.
89-005803
Welsh, Hartwell H., Jr.
89-005610
Wencek, Martin D.
89-003173
Wendt, Annie
89-005225
Wendt, Annie M.
89-004110
Weppler, Jay L.
89-003448
89-003798
Werner, Y. L.
89-002812
89-005877
Wersuhn, Anita
89-005545
Weseloh, D. V.
89-004537
Weseloh, D. V. Chip
89-005077
West, Meredith J.
89-005313
West, Steve
89-004563
Westbury, H. A.
89-004087
Westbury, Harvey
89-004083
Wester, David B.
89-003202
Westergaard, Bjarne
89-005878
Westin, J.
89-005511
Westoby, Mark
89-005879
Weyerhaeuser, Rick
89-003049
Wharton, Dan
89-003050
Wheeler, Richard
89-004163
Wheelwright, Nathaniel T.
89-005063
Whigham, P. A.
89-002780
Whipple, Jeffrey F.
89-005880
Whitaker, John O., Jr.
89-003293
89-003552
89-003557
White, C. M.
89-005199
White, Frances J.
89-004292
White, M. R.
89-003330
89-003370
White, Melvin Randall
89-003331
White, Robin P.
89-005008
White, William B.
89-003287
Whitehead, C. H.
89-004045
Whitehouse, David B.
89-004105
Whitfield, D. P.
89-004993
Whitford, W. G.
89-003630
Whiting, Frank M.
89-004184
Whitman, W. R.
89-004663
Whitmore, T. C.
89-003248
Whitten, P. L.
89-004260
Wickham, Dennis J.
89-004223
Widjeskog, Lee
89-004529
Wiemeyer, Stanley N.
89-005113
Wight, J. Ross
89-003220
Wiig, Oystein
89-003833
89-003886
Wilczynski, Walter
89-005546
Wildt, D. E.
89-003750
89-003842
Wildt, David E.
89-004293
Wiles-Ehmann, S. S.
89-005509
Wiley, James W.
89-005251
Wiley, Martha B.
89-005547
Wiley, R. Haven
89-005481
Wilhelm, Jean-Luc
89-005226
Wilk, Randall J.
89-003785

AUTHOR INDEX

Wilkinson, James R.
89-004353
Wilkinson, Mark
89-005700
Wilkinson, Robert N.
89-003174
Wilks, C. R.
89-003362
Willard, Daniel E.
89-003175
Willi, Peter
89-004440
Williams, Bill
89-004776
Williams, Byron K.
89-004494
Williams, C. K.
89-003447
Williams, G.
89-003051
89-005040
89-005041
89-005043
Williams, M. D.
89-005090
Williams, Sartor O. III
89-005009
89-005010
89-005011
Williams, T. D.
89-005336
Williamson, D.
89-004208
Williamson, D. T.
89-004207
Williamson, J.
89-004208
Williamson, Samuel C.
89-002814
Willing, Rudolf
89-003814
Wilson, A. D.
89-003221
Wilson, Allan C.
89-005656
Wilson, Barbara L.
89-005250
Wilson, Carla
89-004225
Wilson, Erika M.
89-005012
Wilson, George R.
89-004156
Wilson, J. M.
89-003097
Wilson, Larry David
89-005701
Wilson, Marie-Pierre
89-005032
89-005078
Wilson, Marie-Pierre T.
89-005079
Wilson, Marie-Pierre T. J.
89-004321
Wilson, Peter R.
89-004088
89-004089
89-004090
89-004091
89-004092
89-004093
89-004094
89-004095
89-004157
Wilson, Rory P.
89-004321

...CONTINUED...
Wilson, Rory P.
89-005032
89-005078
89-005079
Wimsatt, W. A.
89-003411
Wimsatt, William A.
89-003417
89-003418
Winchester, Brian H.
89-003176
Windingstad, Ronald M.
89-004545
Wing, Amy J.
89-003342
Wing, John F.
89-003342
89-003448
89-003798
Wingfield, John C.
89-005296
Winkelman, Joke E.
89-004341
Winkler, David W.
89-005013
Winter, Edith
89-005352
Winter, J. W.
89-003303
Winter, Thomas C.
89-003177
Winterstein, Scott R.
89-004593
Wintin, Warren K.
89-005881
Wiprachtiger, Peter
89-005548
Wirtz, William O. II
89-002953
Wise, Scott C.
89-005760
Wisheu, Irene C.
89-003134
Witherill, Donald
89-003178
Withrow, D.
89-004006
Witmer, G. W.
89-003179
Witt, Diane M.
89-003592
Woehler, E. J.
89-004774
Wohlgemuth, Frank
89-004497
Wolf, Licia
89-005549
Wolf, Marilise
89-005550
Wolfe, Michael L.
89-002954
Wolff, Peregrine
89-003859
89-003860
Wolk, Elzbieta
89-004209
Wollberg, Z.
89-005769
Wolotira, Robert J.
89-004638
Wong, Y. C.
89-003665
Wood, Andy G.
89-005080
Wood, Judith D.
89-003052

AUTHOR INDEX

Wood, Stephen C.
  89-002929
Woodall, P. F.
  89-003387
Woodman, A. Peter
  89-005538
Woodman, Neal
  89-003666
Woodward, Allan R.
  89-004817
  89-005748
Woodward, David K.
  89-003854
Woolbright, Lawrence L.
  89-005702
Wooller, R. D.
  89-003371
  89-005022
Woronecki, P. P.
  89-005304
Worton, B. J.
  89-002849
Wotzkow, Carlos
  89-005251
Woulfe, Michelle A.
  89-005014
Wright, Henry A.
  89-003189
  89-003202
Wright, Philip L.
  89-005141
Wright, Scott M.
  89-005591
Wu Baoqi
  89-004294
Wu Ji
  89-004294
Wu Jiayan
  89-004144
Wu Zhongqing
  89-005703
Wu, Ching-Ming
  89-003550
Wunderlich, Klaus
  89-005265
  89-005551
Wurtele, Morton G.
  89-003184
Wyckoff, J. B.
  89-003053
Wyneken, Jeanette
  89-005882
Wywialowski, A. P.
  89-003667
Xiang Guiquan
  89-004565
Yabuki, Yuka
  89-005819
  89-005820
Yahner, Richard H.
  89-002869
  89-004579
Yair, Aaron
  89-003222
Yalden, D. W.
  89-003304
  89-004487
Yalden, P. E.
  89-004487
Yamada, J.
  89-003371
Yamada, Joan
  89-004589
Yamaguchi, Kazuo
  89-005884
Yamakawa, Yoshio
  89-005883
Yamamoto, J. T.
  89-005572
Yarmoloy, Cornel
  89-004117
Yasuda, Akikazu
  89-005884
Yates-Mills, Karlyn L.
  89-004877
Ye Zhizhang
  89-004265
Yevin, Shmulik
  89-005552
Ylonen, Hannu
  89-003668
  89-003669
Yocom, Thomas G.
  89-003102
Yokoo, Yoshiharu
  89-005884
Yom-Tov, Y.
  89-003392
  89-003677
  89-005407
Yonezawa, M.
  89-004046
Yong, H. S.
  89-003436
Yosef, R.
  89-005553
Yosef, Reuven
  89-005252
Yoshinaga, Kazuya
  89-004295
Young, D. D.
  89-003786
Young, Euan C.
  89-003062
Young, James A.
  89-003223
  89-003224
Young, Leonard S.
  89-005253
Young, Lew
  89-004804
Young, Lewellyn
  89-004584
Yzurieta, Dario
  89-004404
Zager, Peter
  89-003787
  89-003788
Zaghini, Anna
  89-003444
Zaghloul, T.
  89-003561
Zaghloul, T. M.
  89-003472
  89-003474
  89-003576
  89-003578
Zaghloul, Talaat M.
  89-003577
  89-003579
  89-003580
  89-003652
  89-003670
Zaias, Julia
  89-005554
Zakaria, M.
  89-003472
  89-003474
  89-003562
  89-003576
  89-003577
Zakaria, Mohammad
  89-003578

...CONTINUED...
Zakaria, Mohammad
    89-003579
    89-003580
    89-003670
Zamboni, Luciano
    89-004295
Zann, R.
    89-005351
Zappalorti, R. T.
    89-005721
Zasypkin, M. Yu
    89-004048
Zasypkin, M. Yu.
    89-004047
Zaytsev, M. V.
    89-003388
Zeh, Judith E.
    89-004016
    89-004049
    89-004050
Zejda, Jan
    89-004158
Zembal, Richard
    89-005015
    89-005555
Zepeda, Hector
    89-005708
Zezulak, David S.
    89-003887
Zhaltsanova, D.-S. D.
    89-003542
Zhang Fengling
    89-004565
Zheng Guangmei
    89-004381
    89-004582
Zheng Shengwu
    89-004144
Zhong Tai
    89-004294
Ziccardi, Mariangela
    89-003423
Zicus, Michael C.
    89-004322
Ziebell, Charles D.
    89-003054
Ziegler, Toni E.
    89-004215
Ziemer, Ellen L.
    89-003793
Zilberman, R.
    89-005556
Zima, Jan
    89-003395
    89-004159
Zingg, Peter E.
    89-003437
Zink, Robert M.
    89-004454
    89-005557
Zlotkin, E.
    89-002930
Zonfrillo, B.
    89-005081
Zoodsma, Barbara J.
    89-003900
Zoolick, Hans
    89-004720
Zuasti, A.
    89-005825
Zulberti, C. A.
    89-003016
Zwank, Phillip J.
    89-004721
    89-005016
    89-005156
Zweers, G. A.
    89-004696
    89-004697
Zweifel, Richard G.
    89-005704
Zykova, L. Yu.
    89-005017

BOOK REVIEWS

Cossins, A. R. and K. Bowler. 1987. *Temperature Biology of Animals*. Chapman and Hall, London and New York. 339pp. ISBN 0-412-15900-7.

The authors' goal is to "provide a comprehensive treatment of the biology of animals in relation to temperature . . . so that we better understand its importance in the lives of extant species as well as in animal evolution." They have accomplished this goal in a splendid way. *Temperature Biology of Animals* is an excellent, encyclopedic volume on the relations between temperature and animals, covering every aspect from physics to ecology, including molecular and cellular biology, biophysics, physiology, and behavior.

It is divided into seven chapters. Chapters 1 and 2 provide impeccable reviews of thermal energy, the thermal environment, and the effects of temperature changes in biological processes. Most topics are covered by presenting the historic developing of the empirical data and the theory, making the understanding of the modern views simple. They make this subject, usually arid, appear fascinating. Chapters 3 and 4 deal with the maintenance of body temperature in ecto- and endothermic animals (defined here as bradymetabolic and tachymetabolic, because of the problems with the classical terms). These issues are covered in depth. I found the section on the evolution of ectothermy superb: "ectotherms should not be considered as less suited or adapted to their ecological niches . . . or evolving towards endothermy, since ectothermy is itself a successful strategy which enables animals to occupy niches not available to birds and mammals." A modern view of the different options available to animals for their body temperatures is presented, as well as the many exceptions to the classic views. Chapter 5 discusses the patterns of response to changes in temperature, with emphasis on ectotherms. Chapter 6 deals with the effects of high and low temperatures, the mechanisms for their avoidance, and their influence in animal distributions. Chapter 7 reviews the effects of temperature on reproduction, development, growth, gene expression, aging, and populations.

The organization is excellent, although a glossary would be useful because of the repeated use of technical terms. The bibliography is modern and extensive, with emphasis on European work. The only minor flaw is the superficial treatment of the effects of temperature in the field ("physiological ecology"), as opposed to the lab. The few topics covered in this area are based primarily on work done in the sixties and seventies.

Overall, I find *Temperature Biology of Animals* a very well written, comprehensive treatment of every aspect of the relations between animals and temperature. I strongly recommend it for general biologists who need a good introduction to the topic, and for specialists who want to keep up with recent developments in the field. It is also suitable as a textbook for advanced undergraduate and graduate courses. Over the years, it will be found to be a classic contribution to biological literature.--Gonzalo Castro, Biology Department, Colorado State University, Fort Collins, CO 80523.

GEOGRAPHICAL INDEX

- Africa
  - 89-002949
  - 89-002952
  - 89-002967
  - 89-003008
  - 89-003015
  - 89-003022
  - 89-003023
  - 89-003025
  - 89-003026
  - 89-003039
  - 89-003044
  - 89-003047
  - 89-003049
  - 89-003298
  - 89-003326
  - 89-003409
  - 89-003467
  - 89-003585
  - 89-003865
  - 89-004014
  - 89-004364
  - 89-004471
  - 89-004603
  - 89-004885
  - 89-005044
  - 89-005135
  - 89-005286
  - 89-005302
  - 89-005801
  - 89-005817
- Africa, East
  - 89-002988
  - 89-005111
- Africa, Northern
  - 89-004318
- Africa, Western
  - 89-004637
- Africa: Sahara Desert
  - 89-005152
- Alabama
  - 89-003002
  - 89-003273
  - 89-005750
  - 89-005755
- Alabama, Northern
  - 89-005749
- Alabama: Bullock County
  - 89-003876
- Alabama: Shelby County
  - 89-005396
- Alaska
  - 89-002879
  - 89-003552
  - 89-003746
  - 89-003747
  - 89-003767
  - 89-003768
  - 89-003770
  - 89-003776
  - 89-003781
  - 89-003785
  - 89-003825
  - 89-003891
  - 89-003910
  - 89-003911
  - 89-003924
  - 89-003943
  - 89-003948
  - 89-003952
  - 89-003953
  - 89-003985
  - 89-003996
  - 89-004003
  - 89-004005
  - 89-004021

...CONTINUED...

- Alaska
  - 89-004031
  - 89-004050
  - 89-004748
  - 89-004759
  - 89-004951
  - 89-005045
  - 89-005057
  - 89-005199
- Alaska, Northern
  - 89-003339
  - 89-003765
- Alaska, Northwestern
  - 89-004933
- Alaska, Southcentral
  - 89-003332
  - 89-003341
- Alaska: Amchitka Island
  - 89-004363
- Alaska: Arctic Natl. Wildlife Refuge
  - 89-003759
- Alaska: Denali Natl. Park
  - 89-003709
  - 89-003710
  - 89-003773
- Algeria
  - 89-003608
  - 89-004309
- Antarctica
  - 89-002868
  - 89-003061
  - 89-003062
  - 89-003916
  - 89-003917
  - 89-003918
  - 89-003933
  - 89-003939
  - 89-003944
  - 89-003950
  - 89-003973
  - 89-003975
  - 89-004025
  - 89-004375
  - 89-004542
  - 89-004656
  - 89-004774
  - 89-004889
  - 89-005023
  - 89-005048
  - 89-005053
  - 89-005054
  - 89-005058
  - 89-005061
  - 89-005075
- Arctic Ocean
  - 89-003061
  - 89-003062
  - 89-003762
  - 89-003902
  - 89-005195
- Argentina
  - 89-003402
  - 89-003595
  - 89-003598
  - 89-003898
  - 89-003919
  - 89-003955
  - 89-003957
  - 89-003958
  - 89-003997
  - 89-004327
  - 89-004404
  - 89-004435
  - 89-005008
  - 89-005067
  - 89-005118

...CONTINUED...

Argentina
  89-005119
  89-005372
  89-005373
  89-005374
  89-005461
Arizona
  89-002866
  89-002998
  89-003030
  89-003459
  89-003541
  89-003589
  89-003737
  89-003748
  89-004162
  89-004170
  89-004348
  89-004398
  89-004508
  89-005154
  89-005319
  89-005432
  89-005516
  89-005570
Arizona, Central
  89-005139
Arizona, Northcentral
  89-004332
  89-004600
Arizona, Northern
  89-003599
  89-003749
Arizona, Southeastern
  89-003458
  89-003615
Arizona: Apache County
  89-004420
Arizona: Cochise County
  89-004466
  89-005522
Arizona: Coconino Natl. Forest
  89-004333
Arizona: Grand Canyon Natl. Park
  89-005361
Arizona: La Paz County
  89-004160
Arizona: Organ Pipe Cactus Natl. Monument
  89-004428
Arizona: Pima County
  89-002972
Arizona: Yuma County
  89-004113
Arkansas
  89-003758
  89-003772
  89-004106
  89-004427
  89-005601
Arkansas: Pulaski County
  89-003428
Asia
  89-002908
  89-003504
  89-003585
  89-003865
  89-004318
  89-005578
Asia, Southeastern
  89-002903
  89-003476
Asia, Southwestern
  89-003469
Asia: Himalaya Mountain Region
  89-002857
  89-004174
Atlantic Ocean
  89-004919
Atlantic Ocean, Northern
  89-003896
  89-003923
  89-003931
  89-003963
  89-003967
  89-003970
  89-003981
  89-003990
  89-004010
  89-004019
  89-004023
  89-004027
  89-004032
  89-004836
Atlantic Ocean, Southern
  89-003958
  89-004412
  89-004637
  89-005080
Australia
  89-003074
  89-003112
  89-003221
  89-003227
  89-003277
  89-003303
  89-003364
  89-003507
  89-003665
  89-004059
  89-004060
  89-004064
  89-004066
  89-004067
  89-004072
  89-004079
  89-004080
  89-004081
  89-004082
  89-004083
  89-004086
  89-004126
  89-004127
  89-004147
  89-004388
  89-004874
  89-005022
  89-005310
  89-005565
  89-005578
  89-005593
  89-005602
  89-005608
  89-005609
  89-005649
  89-005678
  89-005754
  89-005803
  89-005839
  89-005844
  89-005848
  89-005865
  89-005879
Australia: Australian Capital Territory
  89-005210
Australia: New South Wales
  89-003352
  89-003353
  89-004065
  89-004068
  89-004134
  89-004146
  89-004200

GEOGRAPHICAL INDEX

...CONTINUED...
Australia: New South Wales
    89-004627
    89-004809
    89-004915
    89-005562
    89-005850
Australia: Northern Territory
    89-003270
    89-003414
    89-004001
    89-005031
    89-005161
    89-005594
    89-005876
Australia: Queensland
    89-003246
    89-003272
    89-003275
    89-004013
    89-004076
    89-004077
    89-004395
    89-004463
    89-004604
    89-004605
    89-004808
    89-005264
Australia: South Australia
    89-003403
    89-003416
    89-004958
    89-005489
    89-005788
Australia: Tasmania
    89-003433
    89-004008
Australia: Victoria
    89-003349
    89-003358
    89-003403
    89-003416
    89-004078
    89-004154
    89-004827
    89-005087
    89-005088
    89-005351
    89-005366
    89-005571
Australia: Western Australia
    89-002864
    89-004480
    89-004635
    89-004878
    89-004940
    89-004995
    89-005558
    89-005696
Austria
    89-004440
    89-004727
    89-004728
    89-004729
    89-004730
    89-004731
    89-004781
    89-004820
    89-004987
    89-005145
    89-005352
    89-005506
    89-005548
    89-005584
Bahama Islands
    89-004373
Baltic Sea and Area
    89-004028

...CONTINUED...
Baltic Sea and Area
    89-004500
Bangladesh
    89-002790
    89-002902
Barents Sea
    89-004010
    89-004011
    89-004019
Beaufort Sea
    89-004005
Belgium
    89-003623
    89-003676
    89-004799
    89-004814
    89-004815
    89-004905
    89-004939
    89-004980
    89-005382
Belize
    89-004238
Bering Sea
    89-003902
    89-003948
    89-003971
    89-005066
Bhutan
    89-002891
Bolivia
    89-003329
    89-003413
Borneo Island
    89-004214
Botswana
    89-002961
    89-003205
    89-004207
    89-004208
Brazil
    89-003299
    89-003325
    89-003347
    89-003367
    89-003642
    89-003660
    89-003687
    89-004297
    89-005170
    89-005329
    89-005625
Bulgaria
    89-004334
    89-005387
    89-005441
California
    89-002867
    89-002994
    89-003088
    89-003105
    89-003151
    89-003157
    89-003225
    89-003233
    89-003236
    89-003239
    89-003240
    89-003243
    89-003289
    89-003314
    89-003337
    89-003446
    89-003596
    89-003692
    89-003718

GEOGRAPHICAL INDEX

...CONTINUED...
California
89-003853
89-003872
89-003887
89-004022
89-004164
89-004319
89-004328
89-004410
89-004416
89-004434
89-004439
89-004486
89-004513
89-004732
89-004879
89-004881
89-004882
89-004943
89-005013
89-005019
89-005069
89-005093
89-005275
89-005315
89-005369
89-005385
89-005398
89-005399
89-005404
89-005478
89-005547
89-005555
California, Central
89-002781
89-004712
89-005287
California, Northern
89-003769
89-004955
89-005021
89-005344
California, Northwestern
89-002863
89-004411
89-005610
California, Southern
89-004503
California: Alameda County
89-003545
California: Butte County
89-005579
California: Channel Islands
89-005116
89-005414
California: Colusa County
89-004706
California: Del Norte County
89-003717
California: El Dorado County
89-004330
California: Farallon Islands
89-004833
89-005384
California: Fresno County
89-005353
California: Glenn County
89-004706
California: Humboldt County
89-003717
89-004789
89-005495
California: Kern County
89-004330
89-005579
California: Los Angeles County
89-004912
California: Mendocino County
89-004392
California: Modoc County
89-004954
89-005266
California: Mono County
89-003544
89-004984
89-005341
California: Nevada County
89-003235
89-005257
California: Orange County
89-002984
89-004806
89-004912
89-005015
California: Riverside County
89-005248
89-005705
California: San Bernardino County
89-002998
89-005834
California: San Diego County
89-004382
89-004458
89-004469
89-005277
89-005535
California: San Francisco Bay
89-004867
California: San Mateo County
89-003621
California: Santa Barbara County
89-004614
89-005412
California: Santa Catalina Island
89-005146
California: Santa Cruz County
89-005072
California: Sequoia Kings Canyon Natl. Park
89-003696
California: Sierra County
89-005397
California: Sierra Nevada
89-003637
89-004108
89-004367
89-005273
89-005419
89-005538
California: Tahoe Natl. Forest
89-003823
California: Tehama County
89-003235
89-005579
California: Trinity County
89-005147
89-005495
California: Tulare County
89-005469
California: Ventura County
89-004614
California: Yolo County
89-004417
California: Yosemite Natl. Park
89-003723
Cameroon
89-003601
89-004259
Canada
89-004644
89-004872
89-005263
Canada, Eastern
89-003134

Canada, Western
  89-004744
Canada: Alberta
  89-003254
  89-003625
  89-003719
  89-003720
  89-003727
  89-003755
  89-004117
  89-004172
  89-004903
  89-005103
  89-005389
  89-005433
Canada: British Columbia
  89-003398
  89-003445
  89-003695
  89-003721
  89-004149
  89-004151
  89-004680
  89-005000
  89-005001
  89-005671
Canada: Hudson Bay
  89-004044
  89-004942
Canada: Manitoba
  89-003745
  89-004044
  89-004566
  89-004617
  89-004712
  89-004741
  89-004797
  89-004960
  89-005035
  89-005052
  89-005077
  89-005288
  89-005383
  89-005424
  89-005453
  89-005505
  89-005525
  89-005786
Canada: New Brunswick
  89-004020
  89-004122
  89-004663
  89-004702
  89-004914
Canada: Newfoundland
  89-002959
  89-004390
  89-004910
Canada: Northwest Territories
  89-003777
  89-004743
  89-004846
  89-004847
  89-005195
Canada: Nova Scotia
  89-002905
  89-004033
  89-004133
  89-004521
  89-004790
  89-005260
Canada: Ontario
  89-003342
  89-003400
  89-003734
  89-003735

...CONTINUED...

Canada: Ontario
  89-003851
  89-004403
  89-004783
Canada: Quebec
  89-004628
  89-004924
Canada: Saskatchewan
  89-004519
  89-005165
  89-005278
  89-005423
Canada: St. Lawrence Seaway
  89-003942
Canada: Yukon
  89-003800
Canary Islands
  89-005208
Cape Verde Islands
  89-004813
Caribbean Area
  89-004769
Caroline Islands
  89-003406
Central African Republic
  89-004221
Central America
  89-003495
Chile
  89-003295
  89-003300
  89-003934
  89-003959
  89-003992
  89-003994
  89-003997
  89-004857
  89-004873
  89-005032
  89-005078
  89-005640
  89-005726
  89-005800
China
  89-002888
  89-003654
  89-003921
  89-004565
  89-004582
  89-004590
  89-004626
  89-005780
China: Fujian Province
  89-005779
China: Qinghai Province
  89-004144
China: Sichuan Province
  89-003244
China: Yunnan Province
  89-004152
  89-004294
China: Zhejiang Province
  89-004381
Christmas Island
  89-004652
  89-005460
Chukchi Sea
  89-003908
  89-003925
  89-003954
Colombia
  89-004280
  89-005729
Colorado
  89-003389
  89-003558

...CONTINUED...
Colorado
89-004109
89-004372
89-004386
89-004393
89-005308
89-005484
Colorado, Northeastern
89-004863
Colorado, Southcentral
89-005765
Colorado, Southeastern
89-003681
Colorado: Boulder County
89-002990
Colorado: Douglas County
89-005148
Colorado: Gilpin County
89-005370
Colorado: Gunnison County
89-003527
Colorado: Rocky Mountain Natl. Park
89-002873
Colorado: Routt County
89-004831
Comoros
89-003564
Connecticut
89-003065
89-003591
89-004989
89-005875
Costa Rica
89-003495
89-003666
89-003688
89-004235
89-005499
89-005581
89-005589
89-005628
89-005852
89-005853
89-005854
Cuba
89-005251
89-005697
Czechoslovakia
89-002807
89-003302
89-003338
89-003386
89-003395
89-003443
89-003565
89-003582
89-003685
89-004158
89-004159
89-004517
89-004550
89-005095
89-005311
Delaware
89-003532
Denmark
89-003822
89-003826
89-004128
89-004405
89-004501
89-004507
89-004559
89-004686
89-004687
89-004709

...CONTINUED...
Denmark
89-004733
89-004751
89-004756
89-004770
89-004922
89-005143
89-005289
89-005596
89-005597
89-005598
89-005604
89-005606
89-005612
89-005622
89-005637
89-005638
89-005639
89-005643
89-005668
89-005677
89-005688
89-005699
East Germany
89-004371
89-004424
89-004437
89-004561
89-004636
89-004650
89-004720
89-004753
89-004761
89-004764
89-004812
89-004822
89-004823
89-004864
89-004890
89-004891
89-004899
89-004900
89-004901
89-004932
89-004937
89-004938
89-004963
89-004964
89-004978
89-004981
89-004982
89-004983
89-005065
89-005102
89-005127
89-005160
89-005175
89-005203
89-005222
89-005224
89-005233
89-005265
89-005303
89-005312
89-005314
89-005324
89-005328
89-005406
89-005415
89-005420
89-005431
89-005439
89-005442
89-005450
89-005493
89-005501

...CONTINUED...
East Germany
89-005503
89-005519
89-005545
89-005585
89-005587
Ecuador
89-003327
Egypt
89-003498
89-003514
89-003520
89-003560
89-003566
89-003626
89-003663
England
89-003057
89-003069
89-003194
89-003268
89-003271
89-003553
89-003554
89-003600
89-003810
89-004343
89-004399
89-004406
89-004455
89-004461
89-004478
89-004482
89-004487
89-004488
89-004516
89-004541
89-004554
89-004555
89-004588
89-004618
89-004658
89-004708
89-004746
89-004773
89-004784
89-004800
89-004824
89-004851
89-004866
89-004898
89-004928
89-005070
89-005106
89-005158
89-005350
89-005379
89-005418
89-005449
89-005454
89-005576
Ethiopia
89-003304
89-004913
Europe
89-002853
89-003489
89-004318
89-004364
89-004886
89-005193
89-005362
Europe, Northern
89-004364
89-004514
89-005126

...CONTINUED...
Europe, Northern
89-005168
Europe, Southern
89-004009
Europe: Iberian Peninsula
89-003378
89-003995
Europe: Pyrenees Region
89-005134
Faeroe Islands
89-003313
89-003894
89-003906
89-003907
89-003998
89-003999
89-004002
89-004429
Falkland Islands
89-003912
89-004139
89-005030
Finland
89-003322
89-003569
89-003669
89-003764
89-003827
89-004138
89-004314
89-004409
89-004495
89-004669
89-004690
89-004758
89-004767
89-004895
89-005173
89-005174
89-005417
89-005440
89-005443
89-005449
89-005470
89-005598
89-005694
Florida
89-002881
89-003095
89-003176
89-003836
89-003840
89-003899
89-004431
89-004651
89-004829
89-004843
89-005029
89-005306
89-005748
89-005784
89-005810
Florida, Southern
89-002922
89-004657
89-004782
Florida: Alachua County
89-003557
89-004817
Florida: Collier County
89-003881
Florida: Cumberland Sound
89-003900
Florida: Dade County
89-005513
Florida: Everglades Natl. Park
89-004632

...CONTINUED...
Florida: Everglades Natl. Park
89-004883
89-004976
89-004991
Florida: Glades County
89-003881
Florida: Highlands County
89-003557
Florida: Keys
89-004949
Florida: Leon County
89-004594
France
89-003310
89-003703
89-003929
89-004123
89-004338
89-004481
89-004523
89-004622
89-004629
89-004685
89-004860
89-004861
89-004884
89-005049
89-005094
89-005114
89-005200
89-005226
89-005235
89-005249
89-005428
89-005615
89-005642
French Guiana
89-005393
89-005531
Gabon
89-003014
Galapagos Islands
89-002793
89-003897
89-004045
89-004998
89-005377
89-005411
89-005537
Georgia
89-002947
89-003591
89-003857
Georgia, Central
89-005778
Georgia, Eastcentral
89-004810
89-004819
Georgia: Cumberland Island
89-004205
Georgia: Cumberland Sound
89-003900
Georgia: Okefenokee Swamp
89-004779
89-004780
Great Britain
89-003945
89-003983
89-004418
89-004492
89-004639
89-005348
89-005485
Great Lakes
89-004522
89-004904

...CONTINUED...
Great Lakes
89-004977
89-005077
Greater Antilles
89-004413
Greece
89-005028
Greenland
89-003970
89-003990
89-003991
89-004369
89-004405
89-004560
89-004737
89-004892
Grenada
89-005858
Guam
89-002948
89-002977
89-004862
Guatemala
89-005725
Gulf of Mexico
89-002942
89-003124
Haiti
89-005866
Hawaii
89-002779
89-003276
89-004114
89-004648
89-005504
Hawaii: Hakalau Forest Natl. Wildlife
89-002877
Hawaii: Hawaii Volcanoes Natl. Park
89-002796
Honduras
89-005701
Hong Kong
89-004337
89-004385
89-004397
89-004552
89-004625
89-004948
89-005090
89-005457
89-005458
89-005459
89-005539
Hungary
89-004483
89-004967
89-005473
89-005500
Iceland
89-003895
89-003896
89-003963
89-003970
89-003981
89-004026
89-004027
89-004032
89-004032
89-004993
Idaho
89-003786
89-005599
Idaho, Central
89-003869
Idaho, Eastern
89-003835

Idaho, Southeastern
  89-004096
Idaho, Southwestern
  89-005117
Idaho: Kootenai County
  89-005007
Idaho: Nez Perce Natl. Forest
  89-003287
Idaho: Payette County
  89-004990
Idaho: Power County
  89-003250
Idaho: River of No Return Wilderness Area
  89-003870
Idaho: Yellowstone Natl. Park
  89-003700
  89-003731
Illinois
  89-003175
  89-004351
  89-004358
  89-004383
  89-004498
  89-004664
Illinois, Central
  89-002811
Illinois, Eastcentral
  89-003375
Illinois, Northern
  89-005340
Illinois, Southern
  89-004968
Illinois: Alexander County
  89-005826
Illinois: Du Page County
  89-005626
Illinois: Fayette County
  89-004745
Illinois: Jackson County
  89-005633
India
  89-002810
  89-002855
  89-002857
  89-002858
  89-002865
  89-002892
  89-002893
  89-002894
  89-002896
  89-002898
  89-002900
  89-002904
  89-002918
  89-002945
  89-002979
  89-003029
  89-003033
  89-003040
  89-003086
  89-003144
  89-003292
  89-003297
  89-003415
  89-003449
  89-003501
  89-003503
  89-003879
  89-003964
  89-004118
  89-004124
  89-004131
  89-004136
  89-004142
  89-004143
  89-004153
...CONTINUED...
India
  89-004161
  89-004174
  89-004203
  89-004210
  89-004245
  89-004269
  89-004277
  89-004286
  89-004296
  89-004391
  89-004580
  89-004859
  89-004931
  89-005607
  89-005811
  89-005812
  89-005813
  89-005814
  89-005849
Indian Ocean
  89-003850
  89-003986
  89-003993
  89-004014
Indiana
  89-003552
  89-004336
  89-005363
  89-005514
  89-005648
  89-005655
  89-005783
Indiana: Lawrence County
  89-003650
Indiana: Martin County
  89-002787
  89-003650
Indiana: Vigo County
  89-003293
Indochina
  89-002878
  89-002890
  89-002897
  89-002901
  89-002903
  89-002908
  89-002909
  89-002914
  89-003034
Indonesia
  89-002791
  89-002878
  89-002890
  89-002897
  89-002901
  89-002903
  89-002906
  89-002908
  89-002909
  89-002914
  89-003034
  89-003262
  89-003323
  89-004206
  89-004275
  89-005772
Iowa
  89-003536
  89-003794
  89-004346
  89-004380
  89-004623
  89-005140
  89-005220
  89-005250

...CONTINUED...
Iowa
89-005624
Iowa, Northwestern
89-005836
Iowa: Des Moines County
89-004801
Iowa: Monona County
89-005386
Iowa: Sioux County
89-005159
Iran
89-004190
Iraq
89-003426
89-003567
89-004612
Ireland
89-003828
89-003831
89-003945
89-003983
89-004492
89-004639
89-005348
89-005485
Israel
89-002812
89-002813
89-003211
89-003222
89-003392
89-003424
89-003581
89-003634
89-003677
89-003678
89-003890
89-004202
89-004387
89-004586
89-004839
89-005177
89-005191
89-005252
89-005282
89-005291
89-005394
89-005403
89-005407
89-005408
89-005409
89-005508
89-005552
89-005553
89-005556
89-005559
89-005683
89-005716
89-005816
Italy
89-003316
89-003636
89-003643
89-003701
89-003754
89-004148
89-004335
89-004340
89-004512
89-004553
89-004631
89-004726
89-004752
89-004760
89-004795
89-004838

...CONTINUED...
Italy
89-004923
89-004944
89-005178
89-005212
89-005214
89-005241
89-005254
89-005317
89-005490
89-005497
Jamaica
89-004347
Japan
89-003245
89-003535
89-003616
89-003639
89-003694
89-003724
89-003725
89-003740
89-003753
89-003780
89-004004
89-004034
89-004137
89-004240
89-004241
89-004258
89-004379
89-004470
89-004583
89-004606
89-004844
89-004876
89-005076
89-005105
89-005242
89-005358
89-005392
89-005496
89-005582
Kansas
89-003594
89-003618
89-003804
89-003862
89-005318
Kansas, Northcentral
89-003619
Kansas, Northeastern
89-003191
89-003249
Kansas: Butler County
89-005125
Kansas: Ellis County
89-003656
Kansas: Finney County
89-002795
Kansas: Harvey County
89-005125
Kansas: Jefferson County
89-003606
89-004907
Kansas: Morton County
89-005880
Kansas: Russell County
89-003617
Kansas: Sedgwick County
89-005125
Kentucky
89-003009
89-005381
89-005655
Kentucky: Fayette County
89-005647

GEOGRAPHICAL INDEX

Kentucky: Todd County
  89-002786
Kenya
  89-002895
  89-002964
  89-002968
  89-002992
  89-002995
  89-003006
  89-003016
  89-003017
  89-003024
  89-003041
  89-003043
  89-003048
  89-003053
  89-003182
  89-003203
  89-003597
  89-003849
  89-004211
  89-004260
  89-004266
  89-004460
  89-005131
  89-005237
  89-005528
  89-005580
Kerguelen Islands
  89-003928
Korea
  89-002962
Kuwait
  89-003450
  89-003451
  89-003452
  89-003462
  89-003463
  89-003473
  89-003497
  89-003508
  89-003509
  89-003559
  89-003561
  89-003562
  89-003572
  89-003573
  89-003577
  89-003578
  89-003579
  89-003580
  89-003652
  89-003670
Lake Erie
  89-004684
  89-005789
Lake Huron
  89-004537
Lake Superior
  89-004757
Latin America
  89-003464
Lesser Antilles
  89-004018
Louisiana
  89-003092
  89-003093
  89-004634
  89-004952
  89-005156
Louisiana, Southwestern
  89-004721
Macquarie Island
  89-003950
  89-005050
  89-005051
Madagascar
  89-003097
  89-004242
  89-004256
  89-004264
  89-004284
Maine
  89-002792
  89-002852
  89-003067
  89-003121
  89-003123
  89-003127
  89-003166
  89-003169
  89-003178
  89-003856
  89-004074
  89-004426
Maine, Eastern
  89-003683
Maine, Northcentral
  89-004349
Maine, Northern
  89-004766
Maine, Southcentral
  89-003799
Maine: Franklin County
  89-004462
  89-005309
Maine: Hancock County
  89-004703
Maine: Lincoln County
  89-005293
  89-005465
Maine: Oxford County
  89-004462
Maine: Petit Manan Natl. Wildlife Refuge
  89-004557
Maine: Piscataquis County
  89-003301
  89-005292
Maine: Sagadahoc County
  89-005293
Maine: Waldo County
  89-004703
Maine: Washington County
  89-004703
Malawi
  89-002860
  89-003004
  89-003228
  89-003409
  89-004175
  89-004362
  89-004365
  89-004496
  89-004785
  89-004842
  89-004920
  89-005085
  89-005337
  89-005338
  89-005391
  89-005456
  89-005577
  89-005590
  89-005672
Malaysia
  89-002883
  89-002885
  89-002956
  89-004214
  89-004906
  89-005730
Marshall Islands
  89-003574

...CONTINUED...
- Marshall Islands
  - 89-005256
- Maryland
  - 89-002986
  - 89-003168
  - 89-003790
  - 89-004414
  - 89-004415
  - 89-004430
  - 89-004556
  - 89-004749
  - 89-004834
  - 89-004969
  - 89-005091
- Maryland: Howard County
  - 89-002985
- Maryland: Montgomery County
  - 89-003256
- Maryland: Prince George's County
  - 89-005012
- Maryland: Queen Anne's County
  - 89-004961
- Maryland: Washington County
  - 89-005380
- Massachusetts
  - 89-002951
  - 89-003091
  - 89-003100
  - 89-003101
  - 89-003604
  - 89-004997
- Massachusetts: Berkshire County
  - 89-004601
- Massachusetts: Plymouth County
  - 89-004787
  - 89-004986
- Mediterranean Region
  - 89-004520
  - 89-004885
  - 89-005230
- Mexico
  - 89-003671
  - 89-003779
  - 89-005011
  - 89-005339
  - 89-005798
- Mexico: Baja California Norte
  - 89-005267
  - 89-005536
  - 89-005774
- Mexico: Baja California Sur
  - 89-005536
  - 89-005774
- Mexico: Chiapas
  - 89-005436
- Mexico: Mexico
  - 89-005621
- Mexico: Michoacan
  - 89-005634
- Mexico: Puebla
  - 89-005635
- Mexico: Sonora
  - 89-005107
  - 89-005345
- Mexico: Tamaulipas
  - 89-005026
- Michigan
  - 89-002872
  - 89-003602
  - 89-003741
  - 89-003858
  - 89-003885
  - 89-004116
  - 89-004977
  - 89-005736
- Michigan, Southeastern
  - 89-005741
- Michigan: Cheboygan County
  - 89-004830
- Michigan: Chippewa County
  - 89-004551
- Michigan: Roscommon County
  - 89-005217
- Michigan: Seney Natl. Wildlife Refuge
  - 89-004918
- Midway Islands
  - 89-004532
  - 89-004654
- Minnesota
  - 89-002915
  - 89-002971
  - 89-003716
  - 89-003855
  - 89-004331
  - 89-004377
  - 89-004725
  - 89-004757
  - 89-004772
  - 89-004798
  - 89-004818
  - 89-004837
  - 89-005101
  - 89-005240
  - 89-005355
  - 89-005429
  - 89-005430
  - 89-005446
- Minnesota, Northcentral
  - 89-003679
  - 89-003680
  - 89-004101
- Minnesota, Northeastern
  - 89-004100
  - 89-005299
- Minnesota, Northern
  - 89-003837
- Minnesota: Aitkin County
  - 89-005523
- Minnesota: Anoka County
  - 89-003613
  - 89-005479
- Minnesota: Boundary Waters Canoe Area
  - 89-002871
- Minnesota: Clay County
  - 89-005464
- Minnesota: Clearwater County
  - 89-005421
- Minnesota: Cook County
  - 89-004107
- Minnesota: Freeborn County
  - 89-005435
- Minnesota: Hennepin County
  - 89-005166
- Minnesota: Hubbard County
  - 89-005421
- Minnesota: Itasca County
  - 89-004476
  - 89-004828
- Minnesota: Olmsted County
  - 89-005356
- Minnesota: Pope County
  - 89-004894
- Minnesota: Ramsey County
  - 89-005354
- Minnesota: Scott County
  - 89-004853
- Minnesota: St. Louis County
  - 89-005526
- Minnesota: Stearns County
  - 89-005475
- Minnesota: Voyageurs Natl. Park
  - 89-004763
- Mississippi
  - 89-005016

GEOGRAPHICAL INDEX

Mississippi: Oktibbeha County
  89-004473
Missouri
  89-002861
  89-004427
  89-004681
  89-005247
Missouri, Central
  89-004578
Missouri: Boone County
  89-003315
  89-004577
Missouri: Johnson County
  89-005689
Missouri: St. Louis County
  89-005674
Mongolian People's Republic
  89-003654
  89-005202
Montana
  89-003290
  89-003291
  89-003707
  89-003739
  89-003771
  89-004181
  89-005141
  89-005209
Montana, Northwestern
  89-003742
Montana, Southcentral
  89-005524
Montana: Fergus County
  89-002784
Montana: Glacier Natl. Park
  89-003761
Montana: Yellowstone Natl. Park
  89-003697
  89-003700
  89-003731
  89-003732
Morocco
  89-003391
  89-003805
  89-004909
  89-005491
Namibia
  89-002933
  89-003422
  89-003889
  89-003961
  89-004166
  89-004456
  89-005104
  89-005108
  89-005347
  89-005448
Nebraska
  89-003141
  89-004402
  89-004896
  89-005157
  89-005402
Nebraska: Lincoln County
  89-004841
Nepal
  89-002910
Netherlands
  89-003440
  89-004141
  89-004196
  89-004326
  89-004329
  89-004341
  89-004421
  89-004433
...CONTINUED...
Netherlands
  89-004533
  89-004534
  89-004535
  89-004536
  89-004762
  89-004799
  89-004869
  89-004888
  89-004897
  89-004999
  89-005073
  89-005096
  89-005129
  89-005133
  89-005190
  89-005244
  89-005246
  89-005325
  89-005375
  89-005498
  89-005861
Netherlands Antilles
  89-004970
Nevada
  89-004163
  89-004515
Nevada: Great Basin Natl. Park
  89-004396
New Hampshire
  89-003131
New Hampshire: Coos County
  89-004462
New Jersey
  89-003035
  89-003078
  89-003089
  89-003146
  89-003147
  89-003153
  89-004344
  89-004504
  89-004529
New Jersey, Northeastern
  89-004624
New Jersey: Ocean County
  89-004694
New Mexico
  89-002998
  89-003630
  89-005010
New Mexico, Central
  89-002797
New Mexico: Eddy County
  89-004563
New Mexico: Grant County
  89-004325
New Mexico: Santa Fe County
  89-004979
New York
  89-003012
  89-003055
  89-003152
  89-003845
  89-004342
  89-004356
  89-004545
  89-004641
  89-004672
  89-004945
  89-004972
  89-005187
  89-005360
  89-005447
  89-005494
New York: Herkimer County
  89-005268

GEOGRAPHICAL INDEX

New York: Jefferson County
89-005512
New York: Oswego County
89-005027
New York: Westchester County
89-005194
New Zealand
89-002850
89-003104
89-003812
89-003920
89-003936
89-003937
89-004029
89-004077
89-004079
89-004090
89-004092
89-004093
89-004147
89-004157
89-004926
89-005578
Nigeria
89-002963
89-002982
89-002983
89-003018
89-003019
89-003020
89-003021
89-003282
89-003381
89-004195
89-004232
89-004302
89-004921
89-005818
North America
89-002969
89-003083
89-003109
89-003122
89-003137
89-003138
89-003177
89-003294
89-003385
89-003439
89-003448
89-003494
89-004145
89-004323
89-004419
89-004568
89-004619
89-004647
89-004665
89-004673
89-004674
89-004688
89-004917
89-004965
89-004994
89-005138
89-005171
89-005297
89-005390
89-005466
89-005509
North Carolina
89-002799
89-003036
89-003087
89-003106
89-003115
...CONTINUED...
North Carolina
89-003118
89-003135
89-003145
89-003161
89-003162
89-003690
89-003763
89-003854
89-004204
89-004491
89-004593
89-005056
89-005481
North Carolina: Cherokee County
89-005679
North Carolina: Great Dismal Swamp Natl. Wildlife Refuge
89-003726
North Carolina: Macon County
89-003658
North Carolina: New Hanover County
89-003171
North Dakota
89-004610
89-004646
North Dakota: Slope County
89-005588
Northern Ireland
89-004856
Norway
89-003517
89-003711
89-003833
89-003886
89-004000
89-004011
89-004571
89-004572
89-004573
89-004576
89-004645
89-004679
89-004922
89-005020
89-005425
89-005517
89-005598
Ohio
89-002944
89-004794
89-005444
89-005655
89-005673
89-005790
Ohio: Erie County
89-005304
Ohio: Portage County
89-004436
Ohio: Preble County
89-004312
Ohio: Richland County
89-003431
Oklahoma
89-003530
89-004106
Oklahoma, Central
89-004562
Oklahoma: Coal County
89-004115
Oklahoma: Delaware County
89-005346
Oklahoma: Hughes County
89-004115
Oklahoma: McCurtain County
89-004598

GEOGRAPHICAL INDEX

Oklahoma: Muskogee County
  89-002789
  89-005455
Oklahoma: Pontotoc County
  89-004115
Oklahoma: Pushmataha County
  89-005529
Oklahoma: Texas County
  89-004975
  89-005223
Oklahoma: Wagoner County
  89-004707
Oregon
  89-002996
  89-003337
  89-003751
  89-004111
  89-004732
  89-004852
  89-004877
  89-004908
  89-004911
  89-005084
  89-005371
Oregon, Eastern
  89-004324
Oregon, Northeastern
  89-003000
  89-004084
  89-005109
Oregon, Southern
  89-004955
Oregon, Southwestern
  89-005610
Oregon, Western
  89-004366
  89-004378
Oregon: Jackson County
  89-003875
Oregon: Lincoln County
  89-004775
Pacific Ocean
  89-003476
  89-003915
  89-003926
  89-003965
  89-004022
  89-004039
  89-004040
  89-004041
  89-005045
Pacific Ocean, Northern
  89-003931
  89-003932
  89-003971
Pacific Ocean, Southern
  89-005050
  89-005051
Pakistan
  89-002884
  89-003515
  89-004584
  89-005787
Panama
  89-004477
  89-004807
  89-004832
  89-005333
  89-005546
  89-005709
  89-005714
  89-005835
Papua New Guinea
  89-003241
  89-003627
  89-004206
...CONTINUED...
Papua New Guinea
  89-005401
  89-005578
  89-005751
  89-005776
Paraguay
  89-004168
  89-005258
  89-005373
  89-005540
  89-005746
Pennsylvania
  89-003628
Pennsylvania: Centre County
  89-004579
Peru
  89-003756
  89-003757
  89-003951
  89-004213
  89-004468
  89-005316
  89-005631
  89-005695
  89-005871
Philippines
  89-002889
  89-003410
  89-004206
  89-005724
  89-005776
Poland
  89-003376
  89-003584
  89-003609
  89-003673
  89-004028
  89-004135
  89-004209
  89-004389
  89-004893
  89-005295
Portugal
  89-003648
  89-005059
  89-005551
Prince Edward Islands
  89-002868
  89-003978
  89-004971
  89-005024
  89-005025
Puerto Rico
  89-004316
  89-004339
  89-004974
  89-005060
  89-005064
  89-005332
  89-005583
Red Sea and Area
  89-005510
Rhode Island
  89-003173
  89-003583
Romania
  89-003784
Rwanda
  89-004290
Saudi Arabia
  89-005149
  89-005706
Scandinavia
  89-005598
Scotland
  89-003037

GEOGRAPHICAL INDEX

...CONTINUED...
Scotland
89-003333
89-004156
89-004370
89-004407
89-004569
89-004659
89-004677
89-004701
89-004704
89-004716
89-004723
89-004796
89-004836
89-004845
89-004865
89-004927
89-004959
89-005005
89-005038
89-005081
89-005099
89-005205
Sea of Okhotsk
89-003904
89-004039
Senegal
89-004216
Singapore
89-003922
South Africa
89-002851
89-002870
89-002875
89-002882
89-002933
89-002960
89-003005
89-003186
89-003188
89-003279
89-003324
89-003442
89-003485
89-003877
89-004169
89-004180
89-004185
89-004299
89-004350
89-004384
89-004683
89-004788
89-004925
89-004941
89-005033
89-005079
89-005082
89-005128
89-005130
89-005180
89-005188
89-005218
89-005228
89-005283
89-005323
89-005343
89-005376
89-005468
89-005471
89-005480
89-005619
89-005718
89-005815
89-005873
South America
89-003248

...CONTINUED...
South America
89-003348
89-003355
89-003912
89-003956
89-004273
89-004360
89-005008
89-005704
89-005743
South America: Amazon River and Basin
89-002815
89-003230
89-003232
89-003255
South Carolina
89-003070
89-003438
89-003843
89-004300
89-004491
89-004621
89-004821
South Carolina: Georgetown County
89-004947
South Carolina: Kiawah Island
89-002981
South China Sea and Area
89-002874
South Dakota
89-003848
South Dakota, Northern
89-003529
South Dakota: Bennett County
89-005797
South Dakota: Wind Cave Natl. Park
89-004199
Spain
89-003383
89-003430
89-003563
89-003570
89-003631
89-003632
89-003705
89-003708
89-003880
89-003892
89-003895
89-004052
89-004467
89-004909
89-005134
89-005342
89-005434
89-005449
89-005693
89-005824
89-005843
Sri Lanka
89-003842
89-004228
St. Lucia
89-004018
89-005532
St. Vincent and the Grenadines
89-003150
Sweden
89-002938
89-003120
89-003699
89-004368
89-004474
89-004616
89-004662
89-004692

...CONTINUED...
Sweden
89-004887
89-005169
89-005437
89-005474
89-005592
89-005598
89-005600
89-005605
89-005613
89-005614
89-005660
89-005690
89-005691
Switzerland
89-002958
89-003437
89-003821
89-003832
89-004357
89-004633
89-004826
89-004835
89-005357
89-005521
89-005573
89-005682
Taiwan
89-003486
89-005823
Tanzania
89-003266
89-003267
89-003311
89-004239
89-004261
89-004262
89-004303
89-005791
Tennessee, Eastern
89-003866
Tennessee: Benton County
89-005477
Tennessee: Carroll County
89-003675
Tennessee: Catoosa Wildlife Management Area
89-003844
Tennessee: Crockett County
89-002783
Tennessee: Gibson County
89-003675
Tennessee: Great Smoky Mountains Natl. Park
89-003878
Tennessee: Sevier County
89-005698
Tennessee: Shelby County
89-002980
Texas
89-002997
89-003202
89-003640
89-003655
89-003838
89-004102
89-004811
89-005026
89-005331
89-005681
Texas, Eastcentral
89-005492
Texas, Eastern
89-005271
89-005272
89-005279
Texas, Southern
89-003693

...CONTINUED...
Texas, Southern
89-004188
89-004587
89-004596
89-004599
Texas: Angelina Natl. Forest
89-005274
Texas: Big Bend Natl. Park
89-005768
Texas: Denton County
89-003174
Texas: Kleberg County
89-005172
Texas: Randall County
89-004985
89-005507
Texas: Refugio County
89-002785
Texas: San Patricio County
89-004457
Texas: Tom Green County
89-005502
Texas: Trans-Pecos
89-005009
Texas: Victoria County
89-004591
Thailand
89-002876
89-002907
89-002912
89-004206
89-005732
89-005794
Turkey
89-003390
89-004902
89-005083
89-005243
Uganda
89-005229
89-005234
United Arab Emirates
89-003513
United States
89-002859
89-002880
89-002913
89-002920
89-002957
89-003007
89-003064
89-003081
89-003096
89-003181
89-003198
89-003200
89-003220
89-003226
89-003522
89-004394
89-004670
89-004919
89-005197
89-005198
89-005339
United States, Eastern
89-004558
89-004682
89-004735
United States, Northcentral
89-003296
United States, Northeastern
89-004768
United States, Northwestern
89-004511
United States, Southeastern
89-004099

...CONTINUED...
- United States, Southeastern
  - 89-004345
  - 89-004361
  - 89-004376
  - 89-004643
  - 89-004695
  - 89-005665
- United States, Southwestern
  - 89-003066
  - 89-003107
  - 89-004374
- United States, Western
  - 89-003003
  - 89-003223
  - 89-003261
  - 89-003868
  - 89-004943
- United States: Appalachian Area
  - 89-003702
  - 89-003782
  - 89-005422
- United States: Chesapeake Bay
  - 89-003098
- United States: Mississippi River and Basin
  - 89-004734
- United States: New England
  - 89-004020
- USSR
  - 89-003388
  - 89-003506
  - 89-003542
  - 89-003556
  - 89-003622
  - 89-003654
  - 89-003948
  - 89-004423
  - 89-004655
  - 89-004676
  - 89-004738
  - 89-004849
  - 89-005066
- USSR: Georgian SSR
  - 89-004408
  - 89-004422
- USSR: Kazakh SSR
  - 89-004848
  - 89-005017
- USSR: Latvia
  - 89-004719
- USSR: Siberia
  - 89-003908
- Utah
  - 89-002954
  - 89-002999
  - 89-004098
  - 89-004722
  - 89-004739
- Utah, Central
  - 89-003864
- Utah: Cache County
  - 89-004992
- Utah: Davis County
  - 89-005182
- Utah: Duchesne County
  - 89-004564
- Utah: Weber County
  - 89-005438
- Venezuela
  - 89-003231
  - 89-003251
  - 89-003441
  - 89-004263
  - 89-004649
  - 89-004956
  - 89-004966
  - 89-005269

...CONTINUED...
- Venezuela
  - 89-005280
- Vermont
  - 89-003143
  - 89-004962
- Vietnam
  - 89-002862
  - 89-002911
- Virgin Islands
  - 89-004425
  - 89-005476
- Virginia
  - 89-002940
  - 89-002946
  - 89-003382
  - 89-003583
  - 89-003712
  - 89-004531
  - 89-004776
  - 89-005006
  - 89-005549
- Virginia, Northern
  - 89-003263
- Virginia: Fairfax County
  - 89-005196
- Virginia: Giles County
  - 89-005627
- Virginia: Great Dismal Swamp Natl. Wildlife Refuge
  - 89-003651
  - 89-003726
- Virginia: Loudoun County
  - 89-005196
- Virginia: Powhatan County
  - 89-002788
- Virginia: Shenandoah Natl. Park
  - 89-003704
  - 89-003715
- Wales
  - 89-003194
  - 89-003258
  - 89-003321
  - 89-004786
  - 89-005206
- Washington
  - 89-002976
  - 89-003264
  - 89-003337
  - 89-003738
  - 89-003841
  - 89-004111
  - 89-004112
  - 89-004524
  - 89-004538
  - 89-005074
  - 89-005296
- Washington, D.C.
  - 89-004353
- Washington, Northcentral
  - 89-004103
- Washington, Southwestern
  - 89-003698
- Washington, Western
  - 89-004792
- Washington: King County
  - 89-004934
- Washington: Montlake Wildlife Area
  - 89-002798
- Washington: Pacific County
  - 89-004946
- West Germany
  - 89-002921
  - 89-003072
  - 89-003457
  - 89-003546
  - 89-003686

GEOGRAPHICAL INDEX

...CONTINUED...
- West Germany
  - 89-003803
  - 89-003969
  - 89-004620
  - 89-004777
  - 89-004778
  - 89-004875
  - 89-004950
  - 89-005416
  - 89-005483
  - 89-005487
  - 89-005686
  - 89-005687
- West Indies
  - 89-005042
  - 89-005645
- Wisconsin
  - 89-003149
  - 89-003867
  - 89-004432
  - 89-004438
  - 89-004705
  - 89-004724
  - 89-004765
  - 89-005089
  - 89-005225
- Wisconsin, Northern
  - 89-004097
- Wisconsin, Southern
  - 89-004400
- Wisconsin: Brown County
  - 89-004352
- Wisconsin: Kewaunee County
  - 89-004352
- Wisconsin: Marquette County
  - 89-004575
- Wisconsin: St. Croix County
  - 89-004755
- Wisconsin: Waushara County
  - 89-004575
- Wyoming
  - 89-003744
  - 89-004359
  - 89-005037
  - 89-005771
- Wyoming, Southeastern
  - 89-003808
- Wyoming: Carbon County
  - 89-005036
- Wyoming: Natrona County
  - 89-004840
- Wyoming: Teton County
  - 89-002993
  - 89-003531
- Wyoming: Yellowstone Natl. Park
  - 89-003697
  - 89-003700
  - 89-003731
  - 89-003732
  - 89-003743
  - 89-003761
  - 89-003774
- Yellow Sea and Area
  - 89-004040
  - 89-004626
- Yugoslavia
  - 89-003706
  - 89-003714
  - 89-003728
  - 89-003729
  - 89-003766
- Zaire
  - 89-004290
  - 89-004292
- Zambia
  - 89-004191
- Zimbabwe
  - 89-003010
  - 89-003206
  - 89-004661
  - 89-005163

BOOK REVIEWS

Tuttle, Merlin D. 1988. *America's Neighborhood Bats*. Univ. Texas Press, P.O. Box 7819, Austin, TX 78713. 128pp. Available from the publisher at $19.95 (cloth), $9.95 (paper).

Bats are undoubtedly some of the most misunderstood and feared animals in North America. In writing *America's Neighborhood Bats*, Merlin Tuttle, a renowned bat researcher, hopes to dispel myths about these creatures and stimulate interest in bat conservation. He will certainly succeed with all who choose to read the book. Written at the layman's level, this book should appeal to a large audience, and would certainly be useful to a large sector of the North American public. The author introduces the book with anecdotal accounts of interactions between humans and bats. Upon reading the introduction, the reader will surely agree that an informative book on bats is needed.

The origin of bats is presented briefly in the first chapter; I am sure most readers will be intrigued to learn that bats are more closely related to humans than to rodents! The numbers of species and the distribution of bats across the planet are also discussed, as are migration, hibernation, navigation, and echolocation. After presenting general life history information, the author continues with convincing information intended to educate the public concerning the dangers of rabid bats, histoplasmosis, and the parasites associated with bat colonies. Few readers could retain their unwarranted fears of bats after reading this chapter.

The next two chapters present common sense solutions for removal of unwanted bats from homes, and propose permanent solutions to bat infestation problems. Even if a reader has failed to be convinced of the generally harmless nature and important ecological contribution of bats, he or she cannot fail to understand the point of these chapters: Do not use toxicants to control bats.

A considerable portion of the book is devoted to the ecological value of bats and bat conservation. Many people are aware of the usefulness of purple martins in mosquito control, but certainly fewer are aware of the even greater contribution made by bats in controlling these pests. Plans for bat houses are shown for those readers interested in promoting bat conservation on a local level.

The author continues with individual species accounts of North American bats. A glossary of terms and a simple key to identifying North American bats follow the species accounts.

Although the text of this well-written book is worthwhile in itself, I would be remiss if I failed to mention the superb photography. These breathtaking photographs depict bats as startlingly beautiful creatures. The combination of excellent photography and enlightening text in *America's Neighborhood Bats* is sure to stimulate an appreciation of the winged mammals in most—if not all—readers.—Karen Fleming, Auburn University, Auburn, AL 36849.

SUBJECT INDEX

- Amphibians/Reptiles--Behavior
  - Adaptation
    - 89-005689
  - Aggressive Behavior
    - 89-005670
    - 89-005671
  - Auditory Sense
    - 89-005629
    - 89-005659
  - Bioenergetics
    - 89-005815
    - 89-005816
  - Breeding
    - 89-005674
    - 89-005686
    - 89-005855
  - Broods/Brooding
    - 89-005855
  - Burrows
    - 89-005716
  - Coloration
    - 89-005689
  - Death Feigning
    - 89-005722
  - Defensive Behavior
    - 89-005851
  - Dispersal
    - 89-005720
  - Diurnal Rhythm
    - 89-005827
  - Food Supply
    - 89-005760
  - Foods/Feeding
    - 89-005670
    - 89-005679
    - 89-005683
    - 89-005737
    - 89-005748
    - 89-005760
    - 89-005848
    - 89-005859
  - Habitat Use
    - 89-005706
    - 89-005729
    - 89-005848
    - 89-005858
  - Home Range/Territory
    - 89-005629
    - 89-005670
    - 89-005671
    - 89-005706
    - 89-005771
    - 89-005858
  - Imprinting
    - 89-005859
  - Incubation
    - 89-005784
  - Interspecies Relationships
    - 89-005603
    - 89-005677
    - 89-005698
    - 89-005848
  - Intraspecies Relationships
    - 89-005760
    - 89-005858
  - Locomotion
    - 89-005727
    - 89-005882
  - Mating
    - 89-005646
    - 89-005648
    - 89-005678
    - 89-005693
    - 89-005698
    - 89-005786
    - 89-005850

...CONTINUED...

- Amphibians/Reptiles--Behavior
  - Migration
    - 89-005674
    - 89-005717
  - Modeling
    - 89-005611
    - 89-005777
    - 89-005859
  - Movements
    - 89-005671
    - 89-005777
    - 89-005797
  - Nests/Nesting
    - 89-005784
  - Nocturnal Activities
    - 89-005816
  - Olfactory Sense
    - 89-005737
    - 89-005738
    - 89-005859
  - Orientation/Homing
    - 89-005674
  - Pair Formation
    - 89-005648
  - Parturition
    - 89-005771
  - Parturition Grounds
    - 89-005771
  - Phototactic Behavior
    - 89-005797
  - Predator/Prey Relationships
    - 89-005595
    - 89-005611
    - 89-005729
    - 89-005737
    - 89-005851
  - Reproduction
    - 89-005705
    - 89-005784
    - 89-005850
  - Seasonal Activities
    - 89-005827
  - Sex Ratio
    - 89-005693
  - Social Behavior
    - 89-005719
    - 89-005720
  - Swimming
    - 89-005882
  - Tails
    - 89-005716
  - Temperature Relationships
    - 89-005768
  - Thermoregulation
    - 89-005768
    - 89-005771
    - 89-005815
  - Tongue Flicking
    - 89-005738
  - Vocalization
    - 89-005629
    - 89-005646
    - 89-005659
    - 89-005681
  - Wildlife/Habitat Relationships
    - 89-005749
- Amphibians/Reptiles--Communities
  - Arkansas
    - 89-005601
  - Australia
    - 89-005593
    - 89-005602
    - 89-005608
    - 89-005609
  - Australia: Northern Territory
    - 89-005594

SUBJECT INDEX

...CONTINUED...
Amphibians/Reptiles--Communities
  California, Northwestern
    89-005610
  Checklists
    89-002853
    89-005597
    89-005599
    89-005601
  Denmark
    89-005596
    89-005597
    89-005598
    89-005604
    89-005606
  Europe
    89-002853
  Finland
    89-005598
  Forests, Coniferous
    89-005610
  Forests, Deciduous
    89-005610
  Idaho
    89-005599
  India
    89-005607
  Norway
    89-005598
  Oregon, Southwestern
    89-005610
  Scandinavia
    89-005598
  Species Diversity
    89-005609
  Sweden
    89-005592
    89-005598
    89-005600
    89-005605
  Zoogeography
    89-005594
Amphibians/Reptiles--General
  Life History/General
    89-005598
    89-005710
    89-005735
    89-005762
Amphibians/Reptiles--Morphology
  Abnormalities
    89-005666
  Carapace
    89-005755
  Coloration
    89-005695
    89-005790
  Dentition
    89-005878
  Eggs
    89-005730
  Embryology
    89-005793
  General
    89-005858
  Gills
    89-005664
  Glands
    89-005630
  Growth/Development
    89-005636
    89-005682
    89-005702
    89-005783
  Head
    89-005781
    89-005793
  Hypothalamus
    89-005862

...CONTINUED...
Amphibians/Reptiles--Morphology
  Jaws
    89-005838
    89-005878
  Legs
    89-005882
  Lungs
    89-005623
    89-005828
  Male Reproductive Organs
    89-005630
    89-005742
    89-005877
  Melanism
    89-005790
  Metamorphosis
    89-005644
  Muscles
    89-005676
    89-005727
    89-005838
    89-005841
    89-005845
  Osteology
    89-005636
    89-005727
    89-005781
    89-005793
    89-005804
  Respiration
    89-005623
    89-005664
    89-005727
    89-005829
  Respiratory System
    89-005829
  Scales
    89-005854
  Sexual Dimorphism
    89-005702
    89-005783
    89-005868
  Sexual Maturity
    89-005642
    89-005644
  Sperm
    89-005705
    89-005766
  Tails
    89-005765
  Taxonomy
    89-005742
    89-005776
    89-005781
  Teeth
    89-005617
  Tongue
    89-005676
    89-005845
  Trachea
    89-005825
  Zoogeography
    89-005776
    89-005789
    89-005868
Amphibians/Reptiles--Parasites/Diseases
  Antibiotics
    89-005785
  Bacterial Diseases
    89-005772
    89-005785
  Captive Animal Care
    89-005767
  Cestodes
    89-005746
  Ectoparasites
    89-005726

...CONTINUED...
Amphibians/Reptiles--Parasites/Diseases
General
89-005723
89-005767
Malaria
89-005864
Necrotic Enteritis
89-005837
Nematodes
89-005633
89-005634
89-005635
89-005818
Neoplasms
89-005805
Protozoan Diseases
89-005615
89-005798
89-005837
89-005864
89-005871
Treatment
89-005723
89-005785
Zoos
89-005837
Amphibians/Reptiles--Pesticides/Pollution
Acid Precipitation
89-002938
89-002940
Ammonia
89-002941
Heavy Metals
89-002945
Lead
89-002945
Oil Pollution
89-002942
pH
89-002938
89-002940
89-002941
89-005679
Amphibians/Reptiles--Physiology
Acclimation
89-005796
Adaptation
89-005847
Amino Acids
89-005884
Bioenergetics
89-005713
89-005735
89-005736
Body Temperature
89-005768
89-005816
Breeding Season
89-005852
Carbon Dioxide
89-005832
Cloaca
89-005669
Cytology
89-005745
Diving
89-005618
89-005846
Eggs
89-005711
89-005719
89-005836
89-005865
Embryology
89-005620
89-005661

...CONTINUED...
Amphibians/Reptiles--Physiology
Embryology
89-005703
89-005806
Endocrinology
89-005652
89-005712
Enzymes
89-005856
Foods/Feeding
89-005653
89-005675
89-005731
General
89-005713
89-005762
89-005847
Glands
89-005669
89-005842
Glucose
89-005799
Gonads
89-005661
Growth/Development
89-005620
89-005653
89-005710
89-005731
89-005884
Hematology
89-005616
89-005745
89-005831
Hibernation
89-005741
89-005773
Hormones
89-005632
89-005653
89-005669
89-005715
89-005884
Hypoxia
89-005796
Immunity
89-005680
Incubation
89-005721
89-005806
89-005836
89-005865
Liver
89-005632
Locomotion
89-005667
Lymphatics
89-005616
Metabolism
89-005618
89-005684
89-005713
89-005736
89-005799
Metamorphosis
89-005672
89-005680
Muscles
89-005651
Nests/Nesting
89-005736
Osmoregulation
89-005667
89-005685
89-005712
89-005741

...CONTINUED...
Amphibians/Reptiles--Physiology
Overwintering
89-005741
Oxygen
89-005620
Parietal Eye
89-005797
pH
89-005679
Pheromones
89-005669
Photoperiodism
89-005652
Reproduction
89-005715
89-005753
89-005759
89-005778
89-005839
89-005852
89-005853
Respiration
89-005618
89-005761
89-005832
89-005846
Salinity
89-005685
Seasonal Activities
89-005773
Sex Ratio
89-005721
89-005806
Sexing
89-005747
Sperm
89-005733
Spermatogenesis
89-005705
Survival
89-005641
Swimming
89-005651
Temperature Relationships
89-005641
89-005651
89-005652
89-005721
89-005741
89-005747
89-005761
89-005788
89-005796
89-005806
Urea
89-005685
Urinary Bladder
89-005685
Venom
89-005769
89-005831
89-005856
Vomeronasal Organ
89-005770
Water Metabolism
89-005641
89-005658
89-005667
89-005741
89-005816
Water Supply
89-005641
89-005658
Amphibians/Reptiles--Techniques
Aging
89-005636

...CONTINUED...
Amphibians/Reptiles--Techniques
Aging
89-005642
89-005734
Artificial Insemination
89-005802
Captive Animal Care
89-005881
Census/Survey Methods
89-005604
Electrophoresis
89-005645
Mapping
89-005605
Propagation
89-005802
89-005881
Recordings
89-005629
Rehabilitation
89-005603
Reproduction
89-005792
Stocking/Transplanting
89-005603
Telemetry
89-005771
89-005777
89-005850
Ultrasonic Waves
89-005792
Zoos
89-005881
Bibliographies
Disturbances
89-003260
Off-road Vehicles
89-003260
Osteology
89-003305
Predation
89-002792
Predators
89-002792
Wastewater
89-003094
Wetlands
89-003094
Birds--Banding Studies
Biometrics
89-004316
Denmark
89-005289
England
89-004488
Finland
89-004495
General
89-004493
89-005447
Great Britain
89-004492
Hong Kong
89-004397
Ireland
89-004492
Survival
89-004494
Birds--Behavior
Adaptation
89-003258
89-004477
89-005369
Adoption
89-004929
Age Ratio
89-004787

...CONTINUED...
Birds--Behavior
- Age Ratio
  - 89-005003
- Aggressive Behavior
  - 89-004455
  - 89-004476
  - 89-004487
  - 89-004595
  - 89-005180
  - 89-005505
- Agonistic Behavior
  - 89-004754
  - 89-004791
  - 89-005192
  - 89-005310
  - 89-005424
  - 89-005505
- Altruism
  - 89-004953
  - 89-005366
- Auditory Sense
  - 89-004750
- Bathing
  - 89-004824
- Bioenergetics
  - 89-004849
  - 89-004947
  - 89-005392
- Breeding
  - 89-004427
  - 89-004565
  - 89-004631
  - 89-004887
  - 89-004991
  - 89-005075
  - 89-005087
  - 89-005125
  - 89-005244
  - 89-005259
  - 89-005310
  - 89-005312
  - 89-005316
  - 89-005322
  - 89-005377
  - 89-005474
  - 89-005480
  - 89-005490
  - 89-005495
- Breeding Season
  - 89-004617
  - 89-005014
  - 89-005490
  - 89-005542
- Broods/Brooding
  - 89-004565
  - 89-004766
  - 89-004945
  - 89-004992
  - 89-005035
  - 89-005312
  - 89-005366
  - 89-005395
  - 89-005501
- Care/Rearing of Young
  - 89-004306
  - 89-004766
  - 89-004821
  - 89-004953
  - 89-005004
  - 89-005117
  - 89-005366
  - 89-005549
  - 89-005554
  - 89-005585
- Celestial Bodies
  - 89-005462

...CONTINUED...
Birds--Behavior
- Clutches
  - 89-005395
  - 89-005542
- Colonial Nesting
  - 89-004825
  - 89-005509
- Coloration
  - 89-004441
  - 89-004825
- Communication
  - 89-004441
- Coprophagy
  - 89-004786
- Courtship Behavior
  - 89-004568
  - 89-004608
  - 89-004986
  - 89-005023
  - 89-005351
  - 89-005391
- Creching Behavior
  - 89-004821
- Defensive Behavior
  - 89-004868
  - 89-004895
  - 89-005171
  - 89-005412
- Density
  - 89-004483
  - 89-004773
- Dispersal
  - 89-004575
  - 89-004782
  - 89-005474
- Displays
  - 89-004463
  - 89-004568
  - 89-004825
  - 89-004906
  - 89-004951
  - 89-005391
  - 89-005546
  - 89-005569
- Diurnal Rhythm
  - 89-004849
  - 89-005054
  - 89-005103
  - 89-005117
  - 89-005488
  - 89-005533
- Diving
  - 89-004758
  - 89-005078
- Egg Laying
  - 89-004863
  - 89-005014
- Egg Moving
  - 89-004932
- Eggs
  - 89-004740
  - 89-005035
- Environmental Factors
  - 89-004681
- Evolution
  - 89-005405
- Feeding Sites
  - 89-004701
  - 89-004803
  - 89-005271
- Fledging
  - 89-005004
  - 89-005321
  - 89-005554
  - 89-005587
- Flight
  - 89-004463

...CONTINUED...
Birds--Behavior
Flight
89-004472
89-004824
89-004856
89-004947
89-005062
89-005117
89-005213
89-005259
89-005281
89-005323
89-005391
89-005590
Flocks
89-004736
89-005323
89-005334
89-005335
89-005359
89-005425
Food Robbing
89-002961
89-004474
89-004486
89-004987
Food Supply
89-004591
89-004681
89-004718
89-004784
89-005207
89-005244
89-005500
89-005505
Foods/Feeding
89-002925
89-002933
89-004462
89-004475
89-004587
89-004590
89-004591
89-004600
89-004612
89-004631
89-004641
89-004649
89-004701
89-004717
89-004718
89-004724
89-004727
89-004740
89-004754
89-004758
89-004766
89-004784
89-004786
89-004787
89-004800
89-004802
89-004803
89-004804
89-004829
89-004876
89-004924
89-004947
89-004953
89-004966
89-004986
89-004987
89-004991
89-004992
89-005003
89-005016

...CONTINUED...
Birds--Behavior
Foods/Feeding
89-005025
89-005029
89-005065
89-005074
89-005075
89-005078
89-005088
89-005177
89-005182
89-005187
89-005192
89-005207
89-005211
89-005237
89-005242
89-005244
89-005255
89-005263
89-005271
89-005272
89-005288
89-005309
89-005330
89-005331
89-005334
89-005345
89-005359
89-005452
89-005464
89-005472
89-005489
89-005491
89-005500
89-005505
89-005508
89-005553
89-005576
89-005589
89-005590
Fratricide
89-004754
General
89-004785
89-004835
89-005299
Growth/Development
89-005331
Habitat Alterations
89-004477
Habitat Use
89-004344
89-004459
89-004477
89-004575
89-004577
89-004590
89-004591
89-004598
89-004600
89-004601
89-004641
89-004717
89-004728
89-004773
89-004782
89-004803
89-004949
89-005001
89-005015
89-005192
89-005207
89-005272
89-005274
89-005279

...CONTINUED...
Birds--Behavior
 Habitat Use
  89-005344
  89-005417
  89-005580
 Hatching
  89-005014
 Home Range/Territory
  89-004577
  89-004578
  89-004822
  89-004918
  89-004953
  89-005117
  89-005210
  89-005345
  89-005392
  89-005417
  89-005480
  89-005492
  89-005580
 Hormones
  89-005544
 Hunting Methods
  89-005187
  89-005218
  89-005242
  89-005244
 Imprinting
  89-004482
  89-005368
 Inbreeding
  89-005217
 Incubation
  89-004926
  89-005035
  89-005396
 Incubation Mounds
  89-004605
 Infanticide
  89-004832
  89-004898
  89-005408
  89-005409
 Interspecies Relationships
  89-002933
  89-002961
  89-004344
  89-004392
  89-004455
  89-004456
  89-004458
  89-004459
  89-004460
  89-004461
  89-004463
  89-004464
  89-004465
  89-004468
  89-004470
  89-004473
  89-004474
  89-004475
  89-004478
  89-004479
  89-004481
  89-004482
  89-004483
  89-004486
  89-004487
  89-004987
  89-005032
  89-005180
  89-005505
 Intraspecies Relationships
  89-004566

...CONTINUED...
Birds--Behavior
 Intraspecies Relationships
  89-004741
  89-004791
  89-004992
  89-005146
  89-005182
  89-005309
  89-005310
  89-005335
  89-005405
  89-005509
  89-005585
 Killing Methods
  89-005464
  89-005553
 Lek Behavior
  89-004571
  89-004572
  89-004573
  89-004951
 Light
  89-005462
 Mating
  89-004710
  89-004825
  89-004868
  89-004870
  89-004960
  89-005099
  89-005147
  89-005173
  89-005316
  89-005351
  89-005367
  89-005408
  89-005454
  89-005487
 Migration
  89-004637
  89-004724
  89-004904
  89-004918
  89-005505
  89-005514
 Mobbing
  89-004461
  89-004463
  89-004466
  89-005408
 Modeling
  89-004953
  89-005263
 Monogamy
  89-004306
 Movements
  89-004578
  89-004596
  89-004600
  89-004918
  89-005015
  89-005103
  89-005117
  89-005255
 Nest Boxes
  89-005312
 Nest Desertion
  89-005447
 Nest Parasitism
  89-004458
  89-004464
  89-004465
  89-004470
  89-004566
  89-004741
  89-005318

...CONTINUED...
Birds--Behavior
 Nest Predation
  89-002957
  89-004481
 Nesting Sites
  89-004323
  89-004439
  89-004473
  89-004484
  89-004705
  89-004830
  89-004831
  89-004974
  89-005001
  89-005058
  89-005214
  89-005215
  89-005240
  89-005295
  89-005388
  89-005412
  89-005513
  89-005552
 Nests/Nesting
  89-002957
  89-004323
  89-004456
  89-004468
  89-004473
  89-004484
  89-004566
  89-004596
  89-004703
  89-004740
  89-004763
  89-004791
  89-004829
  89-004830
  89-004831
  89-004849
  89-004881
  89-004887
  89-004902
  89-004912
  89-004932
  89-004949
  89-004974
  89-004992
  89-005001
  89-005075
  89-005117
  89-005171
  89-005172
  89-005210
  89-005214
  89-005215
  89-005278
  89-005383
  89-005388
  89-005412
  89-005446
  89-005447
  89-005453
  89-005501
  89-005509
  89-005531
  89-005552
  89-005554
  89-005582
  89-005587
 Nocturnal Activities
  89-004637
  89-004649
  89-004966
 Olfactory Sense
  89-004485

...CONTINUED...
Birds--Behavior
 Orientation/Homing
  89-004485
  89-004567
  89-004856
  89-004904
  89-005063
  89-005462
 Overwintering
  89-004570
  89-004578
  89-004587
  89-004590
  89-004681
  89-004918
  89-005065
  89-005103
  89-005192
  89-005311
  89-005345
 Pair Formation
  89-004868
  89-005173
  89-005322
  89-005492
 Perching Sites
  89-004948
 Photoperiodism
  89-005533
 Phototactic Behavior
  89-005321
 Play Behavior
  89-005314
 Pollination
  89-004480
 Polyandry
  89-004832
  89-004960
 Polygyny
  89-005296
  89-005424
  89-005517
  89-005530
  89-005553
 Population Ecology
  89-005192
 Predator/Prey Relationships
  89-002957
  89-004459
  89-004462
  89-004466
  89-004478
  89-004949
  89-004972
  89-005103
  89-005274
  89-005306
 Renesting
  89-004912
  89-005554
 Reproduction
  89-004587
  89-004590
  89-004612
  89-004712
  89-004763
  89-004773
  89-004918
  89-004949
  89-005025
  89-005240
  89-005377
 Roads
  89-004856
 Roosts/Roosting
  89-004570

...CONTINUED...
Birds--Behavior
Roosts/Roosting
89-004841
89-005065
89-005158
89-005269
89-005311
89-005418
89-005448
89-005580
Scavengers
89-004469
Seasonal Activities
89-004904
89-005344
Seed Dispersal
89-005489
89-005496
Sex Ratio
89-005359
Sight
89-005370
Sleep
89-005276
89-005488
Social Behavior
89-004710
89-004713
89-004728
89-004736
89-004754
89-004784
89-004793
89-004821
89-004951
89-005259
89-005305
89-005310
89-005314
89-005316
89-005319
89-005334
89-005335
89-005364
89-005368
89-005377
89-005425
89-005440
89-005488
Species Identification
89-005445
Stocking/Transplanting
89-004477
Supplemental Feeding
89-005500
Survival
89-004577
89-005440
89-005480
Swimming
89-005025
Temperature Relationships
89-004578
Territorial Defense
89-005296
89-005417
Tools
89-005237
89-005491
89-005508
Urban Habitat
89-005311
Vocalization
89-004318
89-004466
89-004471

...CONTINUED...
Birds--Behavior
Vocalization
89-004555
89-004608
89-004698
89-004750
89-004793
89-004906
89-005158
89-005294
89-005298
89-005306
89-005313
89-005333
89-005341
89-005364
89-005367
89-005368
89-005378
89-005405
89-005417
89-005421
89-005432
89-005444
89-005445
89-005451
89-005454
89-005460
89-005465
89-005478
89-005482
89-005502
89-005516
89-005520
89-005544
89-005546
89-005550
89-005583
Water Consumption
89-004697
Water Supply
89-004701
Wildlife/Habitat Relationships
89-004323
89-004333
89-004392
89-004427
89-004439
89-004457
89-004570
89-004596
89-005125
89-005172
89-005580
Winter
89-004601
89-005440
89-005500
Zoogeography
89-004471
89-005171
89-005298
89-005454
Birds--Communities
Africa
89-004364
Agricultural Practices
89-004387
89-004401
Alaska
89-004363
Alpine Habitat
89-004335
89-004396
Antarctica
89-004375

...CONTINUED...
Birds--Communities
  Argentina
    89-004327
    89-004404
    89-004435
  Arizona
    89-004348
    89-004398
    89-004420
  Arizona, Northcentral
    89-004332
  Arizona: Coconino Natl. Forest
    89-004333
  Arizona: Organ Pipe Cactus Natl. Monument
    89-004428
  Arkansas
    89-004427
  Atlantic Ocean, Southern
    89-004412
  Australia
    89-004388
  Australia: Queensland
    89-004395
  Austria
    89-004440
  Bahama Islands
    89-004373
  Birdwatching
    89-004365
    89-004380
  Bulgaria
    89-004334
  Cacti
    89-004428
  California
    89-004319
    89-004328
    89-004410
    89-004416
    89-004434
    89-004439
  California, Northwestern
    89-004411
  California: El Dorado County
    89-004330
  California: Kern County
    89-004330
  California: Mendocino County
    89-004392
  California: San Diego County
    89-004382
  California: Sierra Nevada
    89-004367
  California: Yolo County
    89-004417
  Canada: Newfoundland
    89-004390
  Canada: Ontario
    89-004403
  Checklists
    89-004324
    89-004328
    89-004337
    89-004346
    89-004350
    89-004351
    89-004364
    89-004366
    89-004368
    89-004370
    89-004371
    89-004377
    89-004378
    89-004391
    89-004399

...CONTINUED...
Birds--Communities
  Checklists
    89-004402
    89-004416
    89-004419
    89-004430
    89-004438
  China: Zhejiang Province
    89-004381
  Christmas Counts
    89-004372
    89-004385
    89-004419
  Coastal Habitat
    89-004334
  Colorado
    89-004372
    89-004386
    89-004393
  Critical Habitat
    89-003107
  Denmark
    89-004405
  Disturbances
    89-004387
  East Germany
    89-004371
    89-004424
    89-004437
  Edge Habitat
    89-004426
    89-004432
  Endangered/Threatened Species
    89-004354
    89-004368
  England
    89-004343
    89-004399
    89-004406
  Europe
    89-004364
  Europe, Northern
    89-004364
  Faeroe Islands
    89-004429
  Finland
    89-004409
  Fires/Burns
    89-004355
    89-004395
  Floodplains
    89-004400
  Florida
    89-004431
  Food Supply
    89-004392
    89-004410
  Foods/Feeding
    89-004355
  Forestry Practices
    89-004349
  Forests
    89-004345
    89-004349
    89-004352
    89-004384
    89-004388
    89-004400
    89-004426
    89-004427
    89-004432
  Forests, Coniferous
    89-004332
    89-004344
    89-004361
    89-004367

...CONTINUED...
Birds--Communities
  Forests, Coniferous
    89-004376
    89-004409
    89-004410
    89-004411
    89-004434
  Forests, Deciduous
    89-004330
    89-004344
    89-004359
    89-004410
    89-004417
    89-004434
  Forests, Tropical
    89-004360
  France
    89-004338
  Great Britain
    89-004418
  Greater Antilles
    89-004413
  Greenland
    89-004369
    89-004405
  Habitat Alterations
    89-004394
  Habitat Use
    89-004344
    89-004388
    89-004401
  Handbooks
    89-004364
    89-004419
  Heathlands
    89-004395
  Hong Kong
    89-004337
    89-004385
    89-004397
  Hurricanes
    89-004347
  Illinois
    89-004351
    89-004358
    89-004383
  India
    89-004391
  Indiana
    89-004336
  Interspecies Relationships
    89-004344
  Iowa
    89-004346
    89-004380
  Islands
    89-004347
    89-004369
    89-004373
    89-004407
    89-004409
    89-004413
    89-004425
  Israel
    89-004387
  Italy
    89-004335
    89-004340
  Jamaica
    89-004347
  Japan
    89-004379
  Lagoons
    89-004382
  Lakes
    89-004389

...CONTINUED...
Birds--Communities
  Maine
    89-004426
  Maine, Northcentral
    89-004349
  Malawi
    89-004362
    89-004365
  Mapping
    89-004380
  Marshes, Salt
    89-004338
  Maryland
    89-004414
    89-004415
    89-004430
  Meadows
    89-004326
  Microhabitat
    89-004395
  Minnesota
    89-004331
    89-004377
  Missouri
    89-004427
  Modeling
    89-004388
    89-004432
  Montane Habitat
    89-004340
    89-004379
  Nebraska
    89-004402
  Nests/Nesting
    89-004428
  Netherlands
    89-004326
    89-004329
    89-004341
    89-004421
    89-004433
  Nevada: Great Basin Natl. Park
    89-004396
  New Mexico: Grant County
    89-004325
  New York
    89-004342
    89-004356
  North America
    89-004419
  North Carolina
    89-004491
  Oak
    89-004330
    89-004392
    89-004417
    89-004434
    89-004439
  Ohio: Portage County
    89-004436
  Oregon, Eastern
    89-004324
  Oregon, Western
    89-004366
    89-004378
  Overwintering
    89-004343
    89-004383
    89-004415
  Pine Plantations
    89-004339
  Poland
    89-004389
  Ponderosa Pine
    89-004332
  Population Ecology
    89-004432

SUBJECT INDEX

...CONTINUED...
Birds--Communities
Power Lines
89-004426
Puerto Rico
89-004339
Red Fir
89-004367
Rights-of-Way
89-004426
Riparian Habitat
89-003107
89-004325
89-004352
89-004354
89-004374
89-004426
89-005315
Scotland
89-004370
89-004407
Sewage Ponds
89-004437
Sewage Treatment Plants
89-004437
Snags
89-004323
89-004349
89-004392
89-004439
South Africa
89-004350
89-004384
South America
89-004360
South Carolina
89-004491
Species Diversity
89-003107
89-004325
89-004333
89-004339
89-004349
89-004409
89-004417
89-004426
Sweden
89-004368
Switzerland
89-004357
Trophic Relationships
89-004435
United States
89-003007
89-004394
United States, Southeastern
89-004345
89-004361
89-004376
United States, Southwestern
89-003107
89-004374
Urban Habitat
89-002986
89-003007
89-004343
89-004348
89-004353
89-004356
89-004372
89-004398
89-004399
89-004406
Urbanization
89-004353
USSR
89-004423

...CONTINUED...
Birds--Communities
USSR: Georgian SSR
89-004408
89-004422
Virgin Islands
89-004425
Washington, D.C.
89-004353
Wetlands
89-003164
89-004326
89-004436
Wildlife/Habitat Relationships
89-004367
89-004384
Wisconsin
89-004432
89-004438
Wisconsin, Southern
89-004400
Wisconsin: Brown County
89-004352
Wisconsin: Kewaunee County
89-004352
Woodlots
89-004401
Wyoming
89-004359
Zoogeography
89-004360
Birds--Damage
Agricultural Crops
89-004666
89-004733
Aircraft
89-004550
Anthranilate
89-005320
Avicides
89-004557
Baits/Attractants
89-004733
Cherries
89-004783
Control
89-004557
89-004612
89-004666
89-004733
89-005304
89-005320
Corn
89-005304
Livestock
89-005188
Orchards
89-004783
Poultry
89-005239
Predation
89-005188
89-005239
Repellents
89-005320
Wheat
89-004612
Birds--General
Agricultural Practices
89-003258
Captive Animal Care
89-004307
Care/Rearing of Young
89-004306
Evolution
89-004308
Food Supply
89-004312

...CONTINUED...
Birds--General
  Foods/Feeding
    89-004311
    89-004312
  General
    89-004313
  Habits/Behavior
    89-005079
  Life History/General
    89-004308
  Monogamy
    89-004306
  Mortality
    89-004306
    89-004308
  Population Ecology
    89-003258
  Predators
    89-002948
  Sex Ratio
    89-004306
  Stocking/Transplanting
    89-002974
  Zoos
    89-004307
Birds--Migration
  Altitude
    89-004489
  Banding Studies
    89-005020
    89-005437
  East Germany
    89-004982
  Environmental Factors
    89-004490
  General
    89-004490
  Illinois
    89-004498
  Maryland
    89-004414
  North Carolina
    89-004491
  Radar
    89-004491
  South Carolina
    89-004491
  Wind
    89-004490
Birds--Morphology
  Abnormalities
    89-004583
    89-005077
    89-005142
    89-005400
    89-005455
  Adaptation
    89-004450
    89-004454
  Albinism
    89-004760
    89-005529
  Auditory Sense
    89-005560
  Bills
    89-004696
    89-004893
    89-005077
    89-005181
    89-005302
  Biometrics
    89-004993
  Brain
    89-004595
  Coloration
    89-004441

...CONTINUED...
Birds--Morphology
  Coloration
    89-004603
    89-004731
    89-004751
    89-004909
    89-005104
    89-005400
    89-005426
    89-005455
  Eggs
    89-004315
    89-004444
    89-004449
    89-004699
    89-004700
    89-005416
  Evolution
    89-004441
    89-004450
    89-004454
    89-005290
    89-005557
  Eyes
    89-005071
    89-005086
    89-005184
    89-005370
  Feathers
    89-005457
  Feet
    89-004581
  Flavinism
    89-005519
  Flight
    89-004880
    89-004930
  Foods/Feeding
    89-004696
  General
    89-004316
    89-005283
  Growth/Development
    89-004945
    89-005575
  Gynandromorphism
    89-005455
  Head
    89-004447
    89-004988
    89-005068
  Hermaphroditism
    89-005400
  Injuries
    89-005018
  Kidneys
    89-004453
    89-004528
  Legs
    89-004583
    89-005290
  Lungs
    89-004448
  Molting
    89-005302
  Muscles
    89-004606
    89-004607
  Osteology
    89-004805
    89-005068
  Plumage
    89-004316
    89-004603
    89-004828
    89-004909

...CONTINUED...
Birds--Morphology
Plumage
89-005245
89-005322
89-005400
89-005426
89-005481
89-005482
89-005535
Polydactyly
89-005142
Respiration
89-004448
Sexing
89-005317
Sexual Dimorphism
89-004771
89-004880
89-004930
89-004953
89-005192
89-005245
89-005331
Sight
89-005086
Spurs
89-004581
Tails
89-005302
89-005482
Taxonomy
89-005317
89-005426
Testes
89-004595
Tongue
89-005564
Uropygial Gland
89-004443
Vocalization
89-005564
Wings
89-004886
89-005302
Zoogeography
89-004450
89-004454
89-004886
89-005302
89-005317
89-005557
Birds--Mortality
Accidents
89-004817
Banding
89-005079
89-005447
Electrocution
89-005209
Fishing
89-005047
Fishing Line
89-005047
General
89-004308
89-004496
Power Lines
89-004497
89-004498
89-005028
Starvation
89-004519
Towers
89-004498
Birds--Parasites/Diseases
Acanthocephala
89-004680

...CONTINUED...
Birds--Parasites/Diseases
Antibiotics
89-005560
Aspergillosis
89-004545
Bacterial Diseases
89-004545
89-004694
89-005019
89-005164
Botulism
89-004694
Cestodes
89-005053
89-005540
Cysts
89-005053
Diagnostic Techniques
89-004547
89-004548
Eastern Equine Encephalitis
89-004918
Enteritis
89-004519
Eyes
89-004547
Flies
89-005353
Fungal Diseases
89-004545
89-004711
General
89-004543
89-005120
Giardiasis
89-004549
Head
89-004546
Hematology
89-004548
Inclusion Body Disease
89-004816
89-005566
Injuries
89-004546
89-004547
89-005112
89-005181
89-005370
Kidneys
89-005566
Lice
89-005038
89-005081
Lyme Disease
89-002951
Mites
89-005567
Nematodes
89-004657
Protozoan Diseases
89-002951
89-004544
89-004549
89-004599
Rickettsiae
89-004599
Salmonella
89-004545
Salmonellosis
89-004519
Serology
89-004548
89-005120
Techniques
89-005120

...CONTINUED...
Birds--Parasites/Diseases
  Ticks
    89-004984
    89-005033
  Transmission of Disease
    89-004599
  Treatment
    89-004546
    89-004547
    89-004694
    89-005112
  Viral Diseases
    89-004816
    89-004984
    89-005566
Birds--Pesticides/Pollution
  Arsenic
    89-004514
  Biological Indicators
    89-004524
    89-004527
    89-004540
  Brodifacoum
    89-004506
  Cadmium
    89-004514
    89-004528
  Carbofuran
    89-004519
  Chlorinated Hydrocarbons
    89-004508
    89-004511
    89-004515
    89-004517
    89-004520
    89-004523
    89-004525
    89-004539
  DDE
    89-004503
    89-004507
    89-004511
    89-004515
    89-004520
    89-004523
    89-004537
  DDT
    89-004503
    89-004523
  Dioxin
    89-004522
  Eggshell Thinning
    89-004507
    89-004508
    89-004511
    89-004527
  Fensulfothion
    89-004519
  Furan
    89-004522
  General
    89-004505
    89-004508
    89-004512
  Heavy Metals
    89-004502
    89-004504
    89-004509
    89-004514
    89-004515
    89-004517
    89-004520
    89-004528
    89-004529
    89-004530
    89-004531

...CONTINUED...
Birds--Pesticides/Pollution
  Heavy Metals
    89-004533
    89-004534
    89-004535
    89-004536
    89-004539
    89-004541
  Herbicides
    89-004427
  Lead
    89-004528
    89-004539
  Lead Poisoning
    89-004502
    89-004509
    89-004526
    89-004529
    89-004531
    89-004533
    89-004534
    89-004535
    89-004536
    89-004541
  Lead Shot
    89-004502
    89-004526
    89-004529
    89-004533
    89-004534
    89-004535
    89-004536
    89-004541
  Man-made Litter
    89-004516
    89-004532
    89-004542
  Mercury
    89-004514
    89-004515
    89-004520
    89-004528
  Methyl Parathion
    89-004510
  Nontarget Organisms
    89-004506
  Oil Pollution
    89-004499
    89-004500
    89-004501
    89-004513
    89-004518
    89-004538
  Organophosphates
    89-004539
  Plastics
    89-004532
    89-004542
  Polychlorinated Biphenyls
    89-004507
    89-004517
    89-004520
    89-004522
    89-004523
  Rodenticides
    89-004506
  Selenium
    89-004514
    89-004515
    89-004520
    89-004525
Birds--Physiology
  Adrenal Gland
    89-004693
  Age Ratio
    89-004994

...CONTINUED...
Birds--Physiology
Albinism
89-004814
Bioenergetics
89-004445
89-004446
89-004585
89-004810
89-004848
89-005024
89-005030
89-005150
89-005238
89-005261
89-005262
89-005449
89-005463
89-005486
Body Fat
89-004451
89-005043
89-005437
89-005511
Body Temperature
89-005486
Breeding
89-005528
Breeding Season
89-004833
Cholesterol
89-005043
Crop
89-004610
Digestion
89-002925
89-004442
89-005137
Digestive System
89-005137
Diving
89-004452
89-004715
Eggs
89-005574
Embryology
89-004698
89-005035
Endocrinology
89-005527
Energy Relationships
89-004724
89-005025
89-005029
Enzymes
89-004689
Food Supply
89-004521
89-004810
89-004927
89-004973
89-005190
Foods/Feeding
89-004442
89-004874
89-005132
89-005261
89-005262
Growth/Development
89-004693
89-004874
89-005024
89-005511
Heart Rate
89-004691
Hematology
89-004613

...CONTINUED...
Birds--Physiology
Hematology
89-004875
89-005041
89-005185
89-005369
Hormones
89-005040
89-005296
89-005301
89-005511
89-005544
Hybridization
89-005277
Incubation
89-005574
Metabolism
89-004442
89-004445
89-004578
89-004602
89-005025
89-005029
89-005238
89-005261
89-005369
89-005486
89-005511
89-005543
Migration
89-004848
89-005527
Molting
89-004708
89-004833
89-005040
89-005041
89-005186
89-005336
89-005458
89-005528
Nests/Nesting
89-005463
Nutrients
89-005041
Nutrition
89-004927
89-005137
Osmoregulation
89-004854
Oxygen
89-004715
Photoperiodism
89-005336
89-005413
89-005449
89-005527
Physical Condition
89-004724
89-004732
89-005190
89-005434
89-005437
Pineal Gland
89-005301
Productivity
89-004927
89-005423
Reproduction
89-004446
89-004521
89-004585
89-004759
89-004810
89-004851
89-004857

SUBJECT INDEX

...CONTINUED...
Birds--Physiology
Reproduction
89-004927
89-004933
89-004954
89-004973
89-005021
89-005030
89-005055
89-005092
89-005098
89-005133
89-005163
89-005190
89-005231
89-005296
89-005307
89-005423
89-005439
89-005524
89-005572
Reproductive/Growth Regulators
89-005349
Respiration
89-004452
89-005029
89-005331
89-005369
Salt Gland
89-004855
Sexual Maturity
89-004954
89-004994
89-005336
Steroids
89-005296
Stress
89-004513
89-004521
89-004691
Temperature Relationships
89-005035
89-005574
Testicular Cycle
89-004609
Testosterone
89-004595
Thermoregulation
89-004518
89-004689
Vitamins
89-005043
89-005132
Water Consumption
89-004597
Water Metabolism
89-004586
89-004597
89-004855
89-005574
Birds--Techniques
Aging
89-004893
89-005068
89-005071
89-005138
89-005186
89-005343
Anesthetics
89-004321
Artificial Insemination
89-004589
Baits/Attractants
89-005161
Banding
89-005447

...CONTINUED...
Birds--Techniques
Banding Studies
89-004989
89-005039
Bioenergetics
89-005150
Boats
89-004972
Body Fat
89-004706
Breeding
89-005114
Captive Animal Care
89-004678
89-005097
89-005110
89-005113
89-005124
89-005179
89-005219
Capturing Methods
89-004317
89-004321
89-004989
89-005093
89-005100
89-005161
89-005170
Census/Survey Methods
89-004319
89-004643
89-004721
89-004865
89-005054
89-005144
89-005196
Christmas Counts
89-004643
Computer Use
89-004630
89-004638
89-004639
89-004644
89-004645
89-005080
Data Storage/Retrieval
89-004630
89-004638
89-004639
89-004644
89-004645
89-005080
Dispersal
89-005168
Disturbances
89-005153
DNA
89-004747
89-005326
Electrophoresis
89-005326
Falconry
89-005083
89-005121
Field Notes
89-004996
Flight
89-005062
89-005213
Food Habits Studies
89-004320
89-004972
89-005183
Food Supply
89-004656
89-005019

...CONTINUED...
Birds--Techniques
  Genetics
    89-004747
  Habitat Classification
    89-005201
  Habitat Surveys
    89-005201
    89-005266
  Habitat Use
    89-005162
  Handling Methods
    89-005100
  Incubation
    89-004315
    89-005122
  Individual Recognition
    89-004750
    89-005502
  Mapping
    89-004638
  Marking
    89-004896
    89-005253
  Migration
    89-005115
  Modeling
    89-005255
  Mortality
    89-004871
  Movements
    89-005114
    89-005168
    89-005220
  Nest Boxes
    89-004322
    89-004640
    89-005295
    89-005381
    89-005443
  Nets/Netting
    89-004317
    89-004493
  Physical Condition
    89-004706
  Plumage
    89-005236
  Population Ecology
    89-005168
  Predation
    89-005168
  Productivity
    89-005231
  Propagation
    89-004589
    89-005097
    89-005110
    89-005113
    89-005122
    89-005124
    89-005179
    89-005270
    89-005427
  Recording Equipment
    89-005079
  Recordings
    89-004318
  Rehabilitation
    89-004499
    89-004548
    89-004694
    89-005018
    89-005121
    89-005123
    89-005136
    89-005157
    89-005189

...CONTINUED...
Birds--Techniques
  Rehabilitation
    89-005204
    89-005219
  Remote Sensing
    89-004724
  Sexing
    89-005138
    89-005236
    89-005343
  Sonar
    89-004972
  Species Identification
    89-004996
    89-005138
    89-005403
  Study Methods
    89-005114
    89-005153
  Supplemental Feeding
    89-004587
    89-005019
    89-005174
    89-005470
  Surgery
    89-005018
    89-005181
  Survival
    89-004494
    89-004896
    89-004989
  Tagging
    89-004896
  Telemetry
    89-004578
    89-004593
    89-004596
    89-005004
    89-005064
    89-005115
    89-005162
    89-005168
    89-005170
    89-005213
    89-005220
    89-005417
  Transect Surveys
    89-005196
  Traps/Trapping
    89-004322
    89-004872
    89-005093
Conservation Education
  Bangladesh
    89-002790
  Colombia
    89-004280
  General
    89-002818
    89-002827
    89-002838
  Indonesia
    89-002791
  Nigeria
    89-002963
    89-002982
    89-002983
    89-003018
  Public Relations
    89-002840
    89-005155
    89-005189
  Urban Habitat
    89-002996
    89-003055
Conservation Programs
  Africa
    89-003015

SUBJECT INDEX

...CONTINUED...

- Conservation Programs
  - Africa
    - 89-003039
    - 89-003049
  - Gabon
    - 89-003014
- Ecosystems
  - Aesthetic Value
    - 89-003140
    - 89-003154
  - Agricultural Practices
    - 89-003109
    - 89-003138
    - 89-003141
    - 89-003231
  - Algae
    - 89-003083
    - 89-003137
  - Alpine Habitat
    - 89-004335
    - 89-004396
  - Antarctica
    - 89-003061
    - 89-003062
  - Arctic Ocean
    - 89-003061
    - 89-003062
  - Assessment
    - 89-003060
    - 89-003063
    - 89-003065
    - 89-003073
    - 89-003080
    - 89-003081
    - 89-003083
    - 89-003084
    - 89-003088
    - 89-003095
    - 89-003099
    - 89-003100
    - 89-003101
    - 89-003110
    - 89-003111
    - 89-003116
    - 89-003119
    - 89-003125
    - 89-003128
    - 89-003130
    - 89-003132
    - 89-003134
    - 89-003136
    - 89-003141
    - 89-003142
    - 89-003147
    - 89-003148
    - 89-003149
    - 89-003154
    - 89-003155
    - 89-003156
    - 89-003160
    - 89-003167
    - 89-003169
    - 89-003173
    - 89-003176
    - 89-003177
    - 89-003179
    - 89-003207
    - 89-003211
    - 89-003234
    - 89-003238
    - 89-003265
  - Barrier Islands
    - 89-002981
    - 89-003106
    - 89-003162
    - 89-004952

...CONTINUED...

- Ecosystems
  - Bays
    - 89-003088
  - Beech
    - 89-004312
  - Bibliographies
    - 89-003094
    - 89-003163
  - Bogs
    - 89-002944
    - 89-003114
    - 89-003123
    - 89-003130
    - 89-003169
  - Bottomlands
    - 89-002980
    - 89-003103
    - 89-004345
    - 89-005271
    - 89-005272
  - Cacti
    - 89-004428
  - Caves
    - 89-003058
    - 89-003395
    - 89-003414
    - 89-003430
    - 89-005264
  - Chaparral
    - 89-003295
    - 89-005172
  - Citrus Groves
    - 89-004467
    - 89-005342
  - Coastal Habitat
    - 89-003064
    - 89-003074
    - 89-003077
    - 89-003085
    - 89-003089
    - 89-003093
    - 89-003096
    - 89-003126
    - 89-003145
    - 89-003146
    - 89-003162
    - 89-003168
    - 89-003655
    - 89-003919
    - 89-004034
    - 89-004334
    - 89-004491
    - 89-004596
    - 89-004662
    - 89-004919
    - 89-005774
  - Computer Use
    - 89-002886
    - 89-003076
    - 89-003080
    - 89-003084
    - 89-003128
    - 89-003157
    - 89-003163
    - 89-003176
  - Corridors
    - 89-002864
    - 89-003079
    - 89-003089
    - 89-003145
    - 89-003302
    - 89-003624
    - 89-004108
  - Critical Habitat
    - 89-002972
    - 89-002980

...CONTINUED...
Ecosystems
  Critical Habitat
    89-003169
  Cypress
    89-004345
  Data Storage/Retrieval
    89-003157
  Deltas
    89-004676
  Desert Habitat
    89-002806
    89-003184
    89-003190
    89-003192
    89-003210
    89-003211
    89-003219
    89-003222
    89-003277
    89-003458
    89-003459
    89-003497
    89-003549
    89-003630
    89-003671
    89-003889
    89-003890
    89-004586
    89-005152
    89-005291
    89-005684
    89-005768
    89-005830
  Disturbances
    89-003074
    89-003207
    89-003232
    89-003246
  Douglas Fir
    89-002863
    89-004411
  Economic Value
    89-003123
    89-003125
    89-003129
    89-003136
    89-003156
    89-003170
    89-003238
  Edge Habitat
    89-002869
    89-003059
    89-003110
    89-004097
    89-004108
    89-004426
    89-004432
    89-005293
    89-005443
  Endangered/Threatened Species
    89-003107
  England
    89-003057
  Estuaries
    89-003070
    89-003078
    89-003088
    89-003098
    89-003124
    89-003145
    89-003155
    89-003161
    89-003171
    89-004504
    89-004661
    89-004792

...CONTINUED...
Ecosystems
  Eutrophication
    89-003161
  Farmland
    89-003302
    89-003624
  Floodplains
    89-003091
    89-004400
    89-005031
    89-005280
  Floods
    89-003119
  Forestry Practices
    89-003231
    89-003234
  Forests
    89-002779
    89-002861
    89-002865
    89-002962
    89-003037
    89-003180
    89-003226
    89-003228
    89-003234
    89-003238
    89-003244
    89-003245
    89-003246
    89-003247
    89-003261
    89-003271
    89-003275
    89-003349
    89-003358
    89-003584
    89-003755
    89-004239
    89-004349
    89-004352
    89-004388
    89-004400
    89-004426
    89-004427
    89-004432
    89-005671
  Forests, Coniferous
    89-002863
    89-003254
    89-003445
    89-003748
    89-004332
    89-004333
    89-004344
    89-004361
    89-004367
    89-004376
    89-004409
    89-004410
    89-004411
    89-004434
    89-005274
    89-005610
  Forests, Deciduous
    89-002863
    89-002867
    89-002980
    89-003097
    89-003103
    89-003225
    89-003233
    89-003235
    89-003236
    89-003239
    89-003240

...CONTINUED...
Ecosystems
  Forests, Deciduous
    89-003243
    89-003289
    89-004330
    89-004344
    89-004359
    89-004410
    89-004417
    89-004434
    89-005271
    89-005272
    89-005610
  Forests, Old-growth
    89-003244
    89-004571
  Forests, Tropical
    89-002815
    89-002862
    89-003074
    89-003097
    89-003112
    89-003113
    89-003227
    89-003229
    89-003230
    89-003231
    89-003232
    89-003237
    89-003241
    89-003242
    89-003248
    89-003255
    89-003300
    89-003303
    89-003355
    89-003822
    89-004214
    89-004316
    89-004360
    89-004477
    89-005531
    89-005729
    89-005844
  Garbage Dumps
    89-003774
  General
    89-002782
    89-002934
    89-003047
    89-003056
  Grasslands
    89-003194
    89-003202
    89-003204
    89-003290
    89-003291
    89-003299
    89-003529
    89-003597
    89-003621
    89-003630
    89-004084
    89-004773
  Gum
    89-004345
  Habitat Alterations
    89-003056
    89-003085
    89-003088
    89-003095
    89-003109
    89-003116
    89-003129
    89-003132
    89-003144

...CONTINUED...
Ecosystems
  Habitat Alterations
    89-003151
    89-003160
    89-003175
    89-003179
    89-003187
    89-003194
    89-003213
    89-003214
    89-003223
    89-003230
    89-003252
    89-003257
    89-003265
    89-003271
    89-004108
    89-004477
  Habitat Classification
    89-003064
    89-003071
    89-003146
    89-003152
    89-003208
  Habitat Islands
    89-002854
    89-004618
    89-004719
    89-004884
  Habitat Surveys
    89-003064
    89-003072
    89-003081
    89-003096
    89-003099
    89-003110
    89-003118
    89-003131
    89-003135
    89-003164
    89-003165
    89-003170
    89-003173
    89-003180
    89-003194
    89-003196
    89-003204
    89-003207
    89-003208
    89-003215
    89-003217
    89-003221
    89-003234
    89-003236
    89-003247
  Heathlands
    89-003057
    89-004395
  India
    89-002855
    89-003086
  Inkberry
    89-002969
  Islands
    89-002779
    89-002793
    89-002851
    89-002868
    89-002874
    89-002877
    89-002889
    89-002959
    89-002977
    89-002981
    89-003074
    89-003097

...CONTINUED...
- Ecosystems
  - Islands
    - 89-003106
    - 89-003113
    - 89-003150
    - 89-003162
    - 89-003171
    - 89-003262
    - 89-003272
    - 89-003276
    - 89-003323
    - 89-003476
    - 89-003574
    - 89-003609
    - 89-003767
    - 89-003768
    - 89-003781
    - 89-003850
    - 89-003950
    - 89-004139
    - 89-004190
    - 89-004242
    - 89-004347
    - 89-004363
    - 89-004369
    - 89-004373
    - 89-004407
    - 89-004409
    - 89-004413
    - 89-004425
    - 89-004521
    - 89-004626
    - 89-004634
    - 89-004654
    - 89-004655
    - 89-004763
    - 89-004796
    - 89-004813
    - 89-004846
    - 89-004952
    - 89-004959
    - 89-004970
    - 89-004989
    - 89-004998
    - 89-005050
    - 89-005051
    - 89-005059
    - 89-005116
    - 89-005195
    - 89-005208
    - 89-005289
    - 89-005332
    - 89-005414
    - 89-005460
    - 89-005476
    - 89-005532
    - 89-005558
    - 89-005612
    - 89-005613
    - 89-005637
    - 89-005643
    - 89-005772
    - 89-005789
    - 89-005790
  - Italy
    - 89-004340
  - Japan
    - 89-003245
  - Lagoons
    - 89-004382
    - 89-004884
  - Lakes
    - 89-002944
    - 89-003054
    - 89-003120
    - 89-004389

...CONTINUED...
- Ecosystems
  - Lakes
    - 89-004476
    - 89-004616
    - 89-004618
    - 89-004794
    - 89-005166
    - 89-005446
    - 89-005750
  - Land Use
    - 89-002913
    - 89-002973
    - 89-002995
    - 89-003001
    - 89-003068
    - 89-003087
    - 89-003145
    - 89-003161
    - 89-003203
    - 89-003216
    - 89-003230
    - 89-003231
    - 89-003232
    - 89-003252
  - Laws/Law Enforcement
    - 89-003067
    - 89-003068
    - 89-003075
    - 89-003100
    - 89-003101
    - 89-003102
    - 89-003116
    - 89-003121
    - 89-003127
    - 89-003133
    - 89-003142
    - 89-003143
    - 89-003146
    - 89-003152
    - 89-003167
    - 89-003168
  - Lodgepole Pine
    - 89-003445
  - Malawi
    - 89-003228
  - Maple
    - 89-004312
  - Mapping
    - 89-003166
  - Marshes
    - 89-003172
    - 89-004684
    - 89-004830
  - Marshes, Salt
    - 89-003077
    - 89-003085
    - 89-004338
    - 89-004623
    - 89-004634
    - 89-004694
    - 89-004919
  - Meadows
    - 89-004326
  - Medical Value
    - 89-003242
    - 89-004239
  - Mitigation
    - 89-003087
    - 89-003092
    - 89-003139
    - 89-003151
  - Modeling
    - 89-002886
    - 89-003060
    - 89-003153
    - 89-003195

SUBJECT INDEX

...CONTINUED...
Ecosystems
Modeling
89-003220
89-004432
Montane Habitat
89-002799
89-002873
89-003627
89-004294
89-004340
89-004361
89-004379
89-005726
Oak
89-002867
89-003233
89-003235
89-003236
89-003240
89-003243
89-003289
89-004330
89-004345
89-004392
89-004417
89-004434
89-004439
Oceans
89-004035
89-004491
Phragmites
89-003069
Pine Plantations
89-004339
Plant Succession
89-003072
89-003074
89-003164
89-003202
89-003206
89-003241
89-003244
89-003246
89-003271
Pocosins
89-003075
89-003087
Pollution
89-003078
89-003079
89-004505
Ponderosa Pine
89-003748
89-004332
89-004333
Potholes
89-003109
89-003117
89-003122
89-003137
89-004665
89-004674
Prairies
89-003083
89-003109
89-003122
89-003138
89-003141
89-003170
89-003177
89-003191
89-003197
89-003293
89-003294
89-003594
89-004674

...CONTINUED...
Ecosystems
Protection
89-003067
89-003068
89-003071
89-003075
89-003081
89-003082
89-003085
89-003087
89-003102
89-003105
89-003121
89-003127
89-003129
89-003133
89-003134
89-003139
89-003143
89-003148
89-003151
89-003158
89-003165
89-003178
Rangeland
89-002805
89-002825
89-002859
89-002968
89-002988
89-002992
89-002995
89-002997
89-003001
89-003008
89-003016
89-003017
89-003024
89-003041
89-003053
89-003180
89-003181
89-003182
89-003183
89-003185
89-003186
89-003187
89-003189
89-003193
89-003195
89-003196
89-003197
89-003198
89-003199
89-003200
89-003203
89-003204
89-003205
89-003206
89-003207
89-003208
89-003209
89-003210
89-003212
89-003213
89-003214
89-003215
89-003216
89-003217
89-003218
89-003220
89-003221
89-003223
89-003224
89-003259
89-003293

SUBJECT INDEX

...CONTINUED...
- Ecosystems
  - Rangeland
    - 89-004084
  - Recreational Activities
    - 89-003104
  - Red Fir
    - 89-004367
  - Redwoods
    - 89-003717
  - Revegetation
    - 89-003093
    - 89-003181
    - 89-003197
    - 89-003200
    - 89-003209
    - 89-003210
  - Rights-of-Way
    - 89-004646
  - Riparian Habitat
    - 89-002855
    - 89-003030
    - 89-003066
    - 89-003090
    - 89-003091
    - 89-003104
    - 89-003107
    - 89-003108
    - 89-003124
    - 89-003157
    - 89-003174
    - 89-003215
    - 89-003261
    - 89-003302
    - 89-004325
    - 89-004352
    - 89-004354
    - 89-004374
    - 89-004426
    - 89-005288
    - 89-005315
    - 89-005397
    - 89-005404
    - 89-005419
    - 89-005477
    - 89-005538
    - 89-005579
    - 89-005749
  - Sagebrush
    - 89-002859
    - 89-003181
    - 89-003198
    - 89-003200
    - 89-003207
    - 89-003220
    - 89-003224
    - 89-003250
  - Sandsage Prairie
    - 89-002795
  - Savannas
    - 89-003188
    - 89-003485
    - 89-005172
    - 89-005280
  - Semi-arid Habitat
    - 89-003066
    - 89-003202
    - 89-003205
    - 89-003210
    - 89-003497
  - Sewage
    - 89-003072
    - 89-003115
  - Sewage Disposal
    - 89-003072
    - 89-003115
  - Shrub Grasslands
    - 89-003208

...CONTINUED...
- Ecosystems
  - Shrub Grasslands
    - 89-003213
    - 89-003295
  - Snags
    - 89-004323
    - 89-004349
    - 89-004392
    - 89-004410
    - 89-004439
    - 89-004467
    - 89-005272
    - 89-005274
    - 89-005531
  - South Africa
    - 89-003186
  - Species Diversity
    - 89-002913
    - 89-003059
    - 89-003242
    - 89-004349
  - Succession
    - 89-003209
    - 89-003613
  - Swamps
    - 89-003082
    - 89-003114
    - 89-003115
    - 89-003651
    - 89-004627
    - 89-004779
    - 89-004780
  - Taiga
    - 89-004314
  - Tamarack
    - 89-004436
  - Techniques
    - 89-003207
  - Tropical Habitat
    - 89-003597
    - 89-004471
    - 89-004807
    - 89-004966
    - 89-005031
  - Tundra
    - 89-002879
    - 89-003199
  - United States
    - 89-003096
  - Urban Habitat
    - 89-002854
    - 89-002856
    - 89-002866
    - 89-002971
    - 89-002972
    - 89-002980
    - 89-002981
    - 89-002984
    - 89-002985
    - 89-002986
    - 89-002989
    - 89-002990
    - 89-002993
    - 89-002996
    - 89-002998
    - 89-002999
    - 89-003007
    - 89-003012
    - 89-003027
    - 89-003030
    - 89-003035
    - 89-003036
    - 89-003054
    - 89-003055
    - 89-003078
    - 89-003175

...CONTINUED...
Ecosystems
Urban Habitat
89-003264
89-003274
89-003600
89-003692
89-003810
89-004111
89-004162
89-004170
89-004348
89-004353
89-004356
89-004398
89-004641
89-005006
89-005089
89-005091
89-005127
89-005225
89-005311
89-005483
89-005547
89-005626
Wastewater
89-003079
89-003094
Water Level
89-004663
89-004719
Wetlands
89-003063
89-003064
89-003065
89-003067
89-003068
89-003069
89-003071
89-003072
89-003073
89-003075
89-003076
89-003079
89-003080
89-003081
89-003082
89-003083
89-003084
89-003085
89-003086
89-003087
89-003088
89-003089
89-003091
89-003092
89-003093
89-003094
89-003095
89-003096
89-003098
89-003099
89-003100
89-003101
89-003102
89-003103
89-003105
89-003108
89-003109
89-003110
89-003111
89-003112
89-003115
89-003116
89-003117
89-003118
89-003119

...CONTINUED...
Ecosystems
Wetlands
89-003120
89-003121
89-003122
89-003123
89-003124
89-003125
89-003126
89-003127
89-003128
89-003129
89-003130
89-003131
89-003132
89-003133
89-003134
89-003135
89-003136
89-003137
89-003138
89-003139
89-003140
89-003141
89-003142
89-003143
89-003144
89-003146
89-003147
89-003148
89-003149
89-003151
89-003152
89-003153
89-003154
89-003156
89-003158
89-003159
89-003160
89-003163
89-003164
89-003165
89-003166
89-003167
89-003168
89-003169
89-003170
89-003173
89-003175
89-003176
89-003177
89-003178
89-003179
89-003264
89-003265
89-003294
89-003651
89-004326
89-004345
89-004436
89-004505
89-004616
89-004618
89-004622
89-004629
89-004636
89-004653
89-004658
89-004660
89-004662
89-004663
89-004665
89-004666
89-004673
89-004674
89-004676

...CONTINUED...
Ecosystems
  Wetlands
    89-004685
    89-004719
    89-004830
    89-005638
    89-005688
  Wilderness Areas
    89-002899
    89-003060
  Wildlife/Livestock Relationships
    89-002805
    89-002992
    89-003041
    89-003182
  Woodlots
    89-004401
Endangered/Threatened Species
  Balaena glacialis
    89-004033
  Birds--General
    89-004354
    89-004368
  Branta canadensis leucopareia
    89-004363
  Coccyzus americanus occidentalis
    89-005579
  Conservation Programs
    89-002919
  Dicerorhinus sumatrensis
    89-004179
  Diomedea albatrus
    89-004363
  Empidonax traillii extimus
    89-005536
  Felis concolor coryi
    89-003836
  Fertility
    89-002916
  General
    89-002919
    89-002920
    89-003045
    89-003107
  Grus americana
    89-004903
  India
    89-002918
  Lipotes vexillifer
    89-003921
  Mammals--General
    89-003277
  Minnesota
    89-002915
  Netherlands
    89-004341
  Pelecanus crispus
    89-005028
  Pharomachrus mocinno
    89-005581
  Platanista gangetica
    89-003964
  Primates
    89-004212
    89-004281
    89-004282
    89-004285
    89-004293
  Propagation
    89-002916
    89-002917
    89-004212
    89-004282
    89-004285
    89-004293
    89-004642

...CONTINUED...
Endangered/Threatened Species
  Propagation
    89-005802
  Psittirostra bailleui
    89-005504
  Reproduction
    89-002917
  Riparian Habitat
    89-004354
  Sterna antillarum browni
    89-004503
  Sterna dougallii
    89-004768
  Stocking/Transplanting
    89-003280
  Sweden
    89-004368
  Tamiasciurus hudsonicus grahamensis
    89-003541
  United States
    89-002920
  Vireo bellii pusillus
    89-005398
    89-005399
  West Germany
    89-002921
  Wildlife--General
    89-002918
Environmental Factors
  Altitude
    89-003300
    89-005308
    89-005369
    89-005416
    89-005581
    89-005642
    89-005726
  Climate
    89-003378
    89-003608
    89-003640
    89-003760
    89-003774
    89-004116
    89-004585
    89-004861
    89-004933
    89-005319
  Cyclones
    89-003275
    89-004001
  Drought
    89-003485
  Floods
    89-004763
  General
    89-003738
    89-003985
  Humidity
    89-003414
    89-004315
  Hurricanes
    89-004347
  Ice
    89-003902
    89-004841
    89-005657
  Light
    89-003591
    89-003647
  Photoperiodism
    89-003591
    89-003647
    89-003819
    89-004155

SUBJECT INDEX

...CONTINUED...
Environmental Factors
  Photoperiodism
    89-005307
    89-005336
    89-005413
    89-005449
    89-005488
    89-005527
    89-005533
    89-005652
  Precipitation
    89-004681
  Rainfall
    89-003311
    89-003342
    89-003608
    89-004113
  Snow
    89-005058
  Storms
    89-003237
    89-004928
  Temperature
    89-002926
    89-003380
    89-003384
    89-003425
    89-003546
    89-003549
    89-003568
    89-003571
    89-003874
    89-004315
    89-004681
    89-005035
    89-005058
    89-005543
    89-005574
    89-005641
    89-005650
    89-005651
    89-005652
    89-005657
    89-005721
    89-005726
    89-005741
    89-005747
    89-005761
    89-005768
    89-005788
    89-005796
    89-005806
    89-005872
  Tides/Waves
    89-004624
  Weather
    89-004001
    89-004501
    89-004857
    89-004861
    89-004933
    89-005210
    89-005311
  Wind
    89-004001
    89-004490
    89-005543
  Winter
    89-004841
Exotic Species
  Guam
    89-002977
  Hawaii
    89-002796
  Introduction
    89-002923

...CONTINUED...
Exotic Species
  Plants--General
    89-002796
  Rehabilitation
    89-002922
  Stocking/Transplanting
    89-002922
    89-002923
Habitat Alterations
  Acid Precipitation
    89-004361
  Agricultural Practices
    89-002864
    89-003079
    89-003087
    89-003138
    89-003194
    89-003231
    89-003251
    89-003258
    89-003262
    89-003598
    89-004387
    89-004401
    89-004591
    89-004673
    89-004773
    89-004866
  Assessment
    89-003257
  Blasting
    89-003273
  Boats
    89-003269
  Canals
    89-003070
  Channelization
    89-003302
  Desert Habitat
    89-003190
    89-003192
  Disturbances
    89-003232
    89-003246
    89-003251
    89-003260
    89-003269
    89-003695
    89-003696
    89-003697
    89-003743
    89-003781
    89-004387
    89-004671
    89-004686
    89-004691
    89-004746
    89-004843
    89-004887
    89-004895
    89-004932
    89-005005
    89-005006
    89-005021
    89-005153
    89-005215
    89-005216
  Dredge Spoils
    89-003088
    89-003171
  Dredging
    89-003088
    89-003171
    89-003265
  Eutrophication
    89-003267

SUBJECT INDEX

...CONTINUED...
- Habitat Alterations
  - Fertilization/Soil and Water
    - 89-003138
  - Fires/Burns
    - 89-002871
    - 89-003183
    - 89-003189
    - 89-003233
    - 89-003243
    - 89-003249
    - 89-003250
    - 89-003254
    - 89-003259
    - 89-003270
    - 89-003272
    - 89-003275
    - 89-003618
    - 89-003720
    - 89-004333
    - 89-004355
    - 89-004395
    - 89-004411
    - 89-004427
    - 89-004591
  - Floods
    - 89-004778
  - Forestry Practices
    - 89-002877
    - 89-003103
    - 89-003231
    - 89-003234
    - 89-003251
    - 89-003268
    - 89-003276
    - 89-003301
    - 89-003445
    - 89-003695
    - 89-003702
    - 89-004323
    - 89-004333
    - 89-004345
    - 89-004349
    - 89-004361
    - 89-004376
    - 89-004411
    - 89-004427
    - 89-004571
    - 89-004572
    - 89-004573
    - 89-005279
    - 89-005292
    - 89-005293
    - 89-005443
  - General
    - 89-003095
    - 89-003129
    - 89-003160
    - 89-003179
    - 89-004394
    - 89-004477
    - 89-004961
    - 89-005105
  - Glyphosate
    - 89-003301
    - 89-005292
  - Grazing
    - 89-002805
    - 89-003144
    - 89-003182
    - 89-003193
    - 89-003198
    - 89-003255
    - 89-003261
    - 89-003271
    - 89-004084
    - 89-004205

...CONTINUED...
- Habitat Alterations
  - Grazing
    - 89-004457
    - 89-004596
    - 89-004629
    - 89-004746
    - 89-005538
  - Herbicides
    - 89-003187
    - 89-003301
    - 89-005292
  - Hurricanes
    - 89-004347
  - Hydroelectric Development
    - 89-003266
  - Industrialization
    - 89-003088
    - 89-004834
  - Irrigation Projects
    - 89-003262
  - Land Use
    - 89-002864
    - 89-003021
    - 89-003087
    - 89-003192
    - 89-003231
    - 89-003232
    - 89-003251
    - 89-003252
    - 89-003253
    - 89-003256
    - 89-003263
    - 89-003267
    - 89-003270
    - 89-004477
  - Levees
    - 89-003070
  - Man-made Litter
    - 89-005047
  - Marinas
    - 89-003265
    - 89-005019
  - Mining
    - 89-003246
  - Mitigation
    - 89-003092
    - 89-003151
    - 89-003257
    - 89-005216
  - Modeling
    - 89-002814
  - Off-road Vehicles
    - 89-003260
    - 89-004117
  - Oil/Gas Development
    - 89-003765
  - Pipelines
    - 89-003132
  - Plant Control
    - 89-002997
    - 89-003185
    - 89-003187
    - 89-003189
    - 89-003193
    - 89-003201
    - 89-003212
    - 89-003213
    - 89-003214
    - 89-003218
    - 89-003223
    - 89-003301
    - 89-004389
    - 89-004427
    - 89-005292
  - Power Lines
    - 89-004426

...CONTINUED...
Habitat Alterations
  Power Lines
   89-005101
  Power Plants
   89-003266
   89-004621
  Range Management
   89-002997
   89-003185
   89-003187
   89-003189
   89-003193
   89-003201
   89-003212
   89-003213
   89-003214
   89-003218
   89-003223
  Rangeland
   89-003224
  Reclamation
   89-003252
   89-003257
  Recreational Activities
   89-002815
   89-003104
   89-003269
   89-004671
   89-004686
  Revegetation
   89-003066
   89-003181
   89-003200
   89-003257
  Rights-of-Way
   89-004426
  Roads
   89-002803
   89-003268
   89-003695
   89-003743
  Roadsides
   89-002803
  Seeding
   89-003224
  Shrub Grasslands
   89-003201
  Strip Mining
   89-003209
   89-003267
  Tanzania
   89-003267
  Urbanization
   89-002856
   89-002971
   89-002984
   89-002989
   89-002993
   89-003007
   89-003027
   89-003175
   89-003264
   89-003274
   89-004162
   89-004170
   89-004353
   89-004398
   89-005547
  Volcanoes
   89-003150
  Water Level
   89-004627
  Watershed Management
   89-003263
  Wetland Draining
   89-004627
Harvest/Hunting Statistics
  Balaena mysticetus
   89-003911
   89-003952
  Balaenoptera acutorostrata
   89-003933
   89-003975
   89-003991
   89-004010
   89-004011
   89-004039
  Balaenoptera borealis
   89-004027
  Balaenoptera edeni
   89-003932
  Balaenoptera musculus
   89-004027
  Balaenoptera physalus
   89-003892
   89-004027
  Cephalorhynchus commersonii
   89-003955
  Felis rufus
   89-003848
   89-003853
   89-003855
   89-003862
   89-003867
   89-003885
  Globicephala melaena
   89-003983
  Globicephala sieboldii
   89-004018
  Lagenorhynchus australis
   89-003955
  Lagenorhynchus obscurus
   89-003951
  Megaptera novaeangliae
   89-004027
  Modeling
   89-003933
  Orcinus orca
   89-003955
   89-004018
  Phocoena dioptrica
   89-003955
  Phocoena spinipinnis
   89-003951
  Physeter catodon
   89-004018
   89-004027
  Tursiops truncatus
   89-003951
   89-003955
   89-004011
  Ursus americanus
   89-003758
  Ursus arctos horribilis
   89-003722
  Ursus arctos yesoensis
   89-003694
  Whaling
   89-003911
   89-003933
   89-003952
   89-003975
   89-003991
   89-004010
   89-004011
   89-004027
   89-004039
Hunting/Anti-hunting
  Access
   89-003002
  Anas platyrhynchos
   89-004687

SUBJECT INDEX

...CONTINUED...
Hunting/Anti-hunting
  Anseriformes
    89-004667
    89-004668
    89-004669
  Crippling Loss
    89-004664
  Fur Animals
    89-003439
  Laws/Law Enforcement
    89-004668
    89-004669
  Lead Shot
    89-004664
  Procyon lotor
    89-003794
  Public Relations
    89-003002
  Reserves/Refuges/Parks
    89-002870
  Socio-economic Studies
    89-003439
  Steel Shot
    89-004664
  Traps/Trapping
    89-003439
  Ursus americanus
    89-003734
  Ursus arctos
    89-003714
    89-003747
  Whaling
    89-003966
Mammals--Behavior
  Adaptation
    89-004035
  Adoption
    89-003785
  Age Ratio
    89-004167
  Aggressive Behavior
    89-003821
  Agonistic Behavior
    89-003927
    89-004199
    89-004266
    89-004278
  Altruism
    89-003405
  Arboreal Behavior
    89-004229
  Auditory Sense
    89-003539
  Breeding
    89-003567
    89-003698
    89-003825
    89-003919
  Breeding Season
    89-003625
    89-003796
  Burrows
    89-003803
  Captive Animal Care
    89-004301
  Care/Rearing of Young
    89-003398
    89-003571
    89-003611
    89-003919
    89-004025
    89-004054
    89-004165
    89-004261
    89-004263
    89-004271

...CONTINUED...
Mammals--Behavior
  Communication
    89-004288
  Courtship Behavior
    89-003923
  Dens
    89-003599
    89-003679
    89-003731
    89-003735
    89-003741
    89-003768
    89-003770
    89-003772
    89-003782
    89-003835
  Dispersal
    89-003312
    89-003615
    89-003810
  Displays
    89-004288
  Diurnal Rhythm
    89-003556
    89-003647
    89-003766
    89-003944
    89-004160
  Diving
    89-003923
  Echolocation
    89-003373
  Feeding Sites
    89-003349
  Food Supply
    89-003312
    89-003446
    89-003527
    89-003555
    89-003900
    89-004228
    89-004275
  Foods/Feeding
    89-002925
    89-002933
    89-003310
    89-003349
    89-003383
    89-003392
    89-003398
    89-003446
    89-003523
    89-003530
    89-003533
    89-003543
    89-003555
    89-003587
    89-003599
    89-003627
    89-003636
    89-003645
    89-003649
    89-003655
    89-003659
    89-003668
    89-003673
    89-003680
    89-003719
    89-003721
    89-003799
    89-003831
    89-003835
    89-003841
    89-003866
    89-003900
    89-004012

...CONTINUED...
Mammals--Behavior
Foods/Feeding
89-004084
89-004167
89-004190
89-004235
89-004240
89-004258
89-004259
89-004302
General
89-003340
Grooming/Preening
89-004274
Habitat Use
89-003312
89-003349
89-003398
89-003414
89-003527
89-003533
89-003535
89-003543
89-003546
89-003587
89-003590
89-003598
89-003615
89-003618
89-003620
89-003627
89-003655
89-003656
89-003683
89-003709
89-003719
89-003724
89-003799
89-003808
89-003823
89-003880
89-003887
89-004258
89-004294
89-004302
Hibernation
89-003401
89-003772
Home Range/Territory
89-003349
89-003414
89-003590
89-003615
89-003655
89-003680
89-003683
89-003692
89-003725
89-003726
89-003728
89-003763
89-003799
89-003810
89-003823
89-003843
89-003849
89-003866
89-003870
89-003876
89-003880
89-003881
89-003887
89-004256
89-004264
89-004294
Hormones
89-003592

...CONTINUED...
Mammals--Behavior
Infanticide
89-003545
89-004290
Interspecies Relationships
89-002933
89-003310
89-003311
89-003414
89-003458
89-003599
89-003655
89-003656
89-003683
Intraspecies Relationships
89-003353
89-003545
89-003635
89-003783
89-003927
89-004035
89-004199
89-004228
89-004263
89-004286
89-004292
Learning
89-003649
89-003659
Locomotion
89-004012
89-004229
Magnetic Field
89-003583
89-003586
Mating
89-003422
89-003592
89-003653
89-003824
89-003919
89-004227
89-004286
Migration
89-003311
89-003825
Modeling
89-003944
Monogamy
89-003653
Movements
89-003543
89-003615
89-003618
89-003624
89-003649
89-003680
89-003692
89-003724
89-003725
89-003726
89-003728
89-003776
89-003799
89-003810
89-003823
89-003825
89-003841
89-003849
Nest Boxes
89-003651
Nests/Nesting
89-003535
89-004276
Nocturnal Activities
89-003581

SUBJECT INDEX

...CONTINUED...
Mammals--Behavior
  Nocturnal Activities
    89-003615
    89-003619
    89-004264
  Nursing
    89-003405
    89-004025
    89-004263
  Olfactory Sense
    89-003610
    89-003635
    89-004226
    89-004256
  Orientation/Homing
    89-003583
    89-003586
  Overwintering
    89-003673
    89-003680
    89-003735
    89-003808
    89-003870
    89-003900
  Pair Formation
    89-003592
  Parturition
    89-003919
    89-004219
    89-004301
  Photoperiodism
    89-003591
  Play Behavior
    89-004217
    89-004218
    89-004253
  Population Ecology
    89-003627
    89-003835
    89-003841
    89-003876
    89-003887
    89-004294
  Predator/Prey Relationships
    89-003311
    89-003555
    89-003659
    89-004003
  Predators
    89-003823
  Rainfall
    89-003311
  Reproduction
    89-003378
    89-003401
    89-003567
    89-003627
    89-003819
    89-004025
    89-004204
  Resting Sites
    89-003808
  Roosts/Roosting
    89-003414
  Rutting
    89-004104
    89-004116
  Scent Marking
    89-003610
    89-003888
    89-004256
  Seasonal Activities
    89-003535
    89-003651
    89-003843
    89-003869

...CONTINUED...
Mammals--Behavior
  Seed Dispersal
    89-004235
  Social Behavior
    89-003312
    89-003353
    89-003392
    89-003523
    89-003527
    89-003530
    89-003592
    89-003593
    89-003598
    89-003604
    89-003610
    89-003619
    89-003620
    89-003623
    89-003625
    89-003669
    89-003684
    89-003709
    89-003897
    89-003942
    89-004035
    89-004167
    89-004193
    89-004199
    89-004204
    89-004214
    89-004217
    89-004218
    89-004228
    89-004240
    89-004253
    89-004259
    89-004261
    89-004264
    89-004266
    89-004269
    89-004275
    89-004278
    89-004291
    89-004292
  Strandings
    89-003971
    89-003983
    89-004001
    89-004008
  Swimming
    89-003942
    89-004012
  Tactile Sense
    89-003974
  Temperature Relationships
    89-003401
  Thermoregulation
    89-003546
    89-003633
    89-004035
  Tools
    89-004216
    89-004274
  Urine
    89-003645
    89-004226
  Vocalization
    89-003437
    89-003693
    89-003923
    89-003937
    89-003942
    89-003946
    89-003962
    89-004254
    89-004294

...CONTINUED...
- Mammals--Behavior
  - Water Supply
    - 89-003533
  - Wildlife/Habitat Relationships
    - 89-003358
    - 89-003529
    - 89-003656
    - 89-003803
    - 89-004103
    - 89-004302
  - Wildlife/Livestock Relationships
    - 89-004084
  - Winter
    - 89-003726
- Mammals--Communities
  - Africa
    - 89-003022
    - 89-003298
  - Altitude
    - 89-003300
  - Australia
    - 89-003303
  - Bioenergetics
    - 89-003291
  - Brazil
    - 89-003299
  - California
    - 89-003289
  - Channelization
    - 89-003302
  - Chaparral
    - 89-003295
  - Checklists
    - 89-002853
    - 89-003296
  - Chile
    - 89-003295
    - 89-003300
  - Czechoslovakia
    - 89-003302
  - Ethiopia
    - 89-003304
  - Europe
    - 89-002853
  - Farmland
    - 89-003302
  - Fires/Burns
    - 89-003293
  - Forestry Practices
    - 89-003301
  - Forests, Deciduous
    - 89-003289
  - Forests, Tropical
    - 89-003300
    - 89-003303
  - Glyphosate
    - 89-003301
  - Grasslands
    - 89-003290
    - 89-003291
    - 89-003299
  - Habitat Use
    - 89-003303
  - Herbicides
    - 89-003301
  - India
    - 89-003292
    - 89-003297
  - Indiana
    - 89-003293
  - Maine
    - 89-003301
  - Montana
    - 89-003290
    - 89-003291
  - North America
    - 89-003294

...CONTINUED...
- Mammals--Communities
  - Oak
    - 89-003289
  - Plant Control
    - 89-003301
  - Prairies
    - 89-003293
    - 89-003294
  - Rangeland
    - 89-003293
  - Reserves/Refuges/Parks
    - 89-003298
  - Riparian Habitat
    - 89-003302
  - Shrub Grasslands
    - 89-003295
  - United States, Northcentral
    - 89-003296
  - Wetlands
    - 89-003294
  - Zoogeography
    - 89-003297
- Mammals--Damage
  - Agricultural Crops
    - 89-003464
    - 89-003500
    - 89-003504
    - 89-003510
    - 89-003515
    - 89-004137
    - 89-004195
  - Anticoagulants
    - 89-003336
    - 89-003466
    - 89-003486
    - 89-003487
    - 89-003569
    - 89-003576
  - Attacks on Humans
    - 89-003723
    - 89-003727
  - Baits/Attractants
    - 89-003318
    - 89-003336
    - 89-003477
    - 89-003483
    - 89-003490
    - 89-003493
    - 89-003502
    - 89-003645
  - Biological Control
    - 89-003465
  - Brodifacoum
    - 89-003626
    - 89-004506
  - Calciferol
    - 89-003626
  - Cholecalciferol
    - 89-003335
  - Control
    - 89-003335
    - 89-003336
    - 89-003450
    - 89-003451
    - 89-003454
    - 89-003455
    - 89-003456
    - 89-003457
    - 89-003460
    - 89-003461
    - 89-003464
    - 89-003465
    - 89-003466
    - 89-003467
    - 89-003468
    - 89-003470

...CONTINUED...
Mammals--Damage
Control
89-003472
89-003474
89-003475
89-003476
89-003477
89-003478
89-003479
89-003480
89-003481
89-003482
89-003483
89-003487
89-003488
89-003489
89-003490
89-003491
89-003492
89-003493
89-003494
89-003496
89-003497
89-003500
89-003502
89-003504
89-003505
89-003507
89-003508
89-003509
89-003511
89-003512
89-003515
89-003516
89-003518
89-003520
89-003522
89-003561
89-003562
89-003569
89-003572
89-003573
89-003576
89-003577
89-003580
89-003626
89-003636
89-003645
89-003652
89-003717
89-004098
89-004164
89-004200
Economic Value
89-003456
89-003510
Fences
89-003337
89-004098
89-004887
Feral Animals
89-003334
89-004200
Flupropadine
89-003569
Forests
89-003445
89-003742
89-003751
Fumigants
89-003580
General
89-003501
89-003513
Grazing
89-003340

...CONTINUED...
Mammals--Damage
Grazing
89-004190
Livestock
89-003334
89-003337
89-003678
89-003703
Nonlethal Control
89-003468
89-003491
Nontarget Organisms
89-003335
89-003336
89-004506
Nurseries
89-004098
Orchards
89-003338
Ornamental Plants
89-004098
Pheromones
89-003480
89-003518
Phosphine
89-003580
Pine Plantations
89-004138
Population Control
89-003472
89-003474
89-003509
89-003554
89-003572
Poultry
89-003454
89-003562
Predation
89-003678
89-003703
Predator Control
89-003337
Predators
89-003465
Public Health Problems
89-003463
89-003469
89-003470
89-003484
89-003511
89-003525
89-003560
89-003566
89-003670
Public Relations
89-003450
Repellents
89-003480
89-003496
89-003745
Reproductive/Growth Regulators
89-003480
89-003492
Rice
89-003486
89-003510
Rodenticides
89-003318
89-003335
89-003336
89-003454
89-003466
89-003483
89-003486
89-003487
89-003488

...CONTINUED...
Mammals--Damage
  Rodenticides
    89-003493
    89-003569
    89-003573
    89-003576
    89-003577
    89-003626
    89-004506
  Traps/Trapping
    89-003562
    89-003573
  Ultrasonic Waves
    89-003491
  Zinc Phosphide
    89-003515
    89-003626
    89-003645
Mammals--General
  Control
    89-003494
  Damage by Wildlife
    89-003494
  Distribution/Brazil
    89-003299
  Endangered/Threatened Species
    89-003277
    89-003280
  Folklore
    89-003277
  Foods/Feeding
    89-003281
  Habitat Use
    89-003283
  Population Control
    89-003278
  Population Ecology
    89-003278
  Restoration
    89-003280
  Stocking/Transplanting
    89-003280
  Wildlife/Habitat Relationships
    89-003281
    89-003283
Mammals--Morphology
  Abnormalities
    89-003531
    89-003813
    89-004112
    89-004159
  Adaptation
    89-004233
  Aging
    89-003997
  Antlers
    89-004101
  Auditory Sense
    89-003399
    89-003429
    89-003949
  Bioenergetics
    89-003291
  Body Fat
    89-004012
  Brain
    89-003307
    89-003376
    89-003634
    89-004289
  Cardiovascular System
    89-003363
  Central Nervous System
    89-003376
    89-003819
    89-003901

...CONTINUED...
Mammals--Morphology
  Cloaca
    89-004135
  Coloration
    89-003959
    89-003961
  Dentition
    89-003813
  Dermal Shields
    89-003306
  Digestive System
    89-004036
    89-004135
  Ears
    89-003399
    89-003429
    89-003949
  Epididymis
    89-003641
  Evolution
    89-003308
    89-003634
    89-004233
  Eyes
    89-003550
    89-003819
    89-003968
  Feet
    89-004058
    89-004135
    89-004140
  Female Reproductive Organs
    89-003412
    89-003928
  Flippers
    89-003957
    89-003959
  Foods/Feeding
    89-003399
    89-003821
  General
    89-003733
    89-003865
    89-003905
    89-003998
    89-004057
  Growth/Development
    89-003700
    89-004038
    89-004211
  Hair
    89-003420
    89-003531
    89-003570
  Head
    89-003366
    89-003616
    89-003820
    89-003833
    89-003882
    89-003886
    89-004129
  Heart
    89-004148
  Hematology
    89-004148
  Hormones
    89-003360
    89-004251
  Jaws
    89-004265
  Kidneys
    89-004135
    89-004148
    89-004189
  Liver
    89-004148

...CONTINUED...
Mammals--Morphology
Locomotion
89-003544
Male Reproductive Organs
89-003369
89-003396
89-003928
89-004130
89-004251
Muscles
89-003309
89-004012
Osteology
89-003305
89-003417
89-003538
89-003616
89-003820
89-003833
89-003882
89-003886
89-004129
89-004140
Parathyroid Gland
89-003418
Pineal Gland
89-003397
89-003819
Prostate Gland
89-003665
Sexual Dimorphism
89-003360
89-003821
89-004270
Sexual Maturity
89-003892
Sight
89-003550
Skin
89-003306
Sperm
89-003407
89-003411
89-003641
89-003662
89-004130
Stomach
89-004036
89-004135
Tails
89-003968
Taxonomy
89-003307
89-003663
Teeth
89-003366
89-003616
89-003663
89-003821
89-004034
89-004159
89-004265
89-004270
Testes
89-004251
Thyroid Gland
89-003418
Tongue
89-003309
89-003901
Trunk
89-003309
Vibrissae
89-003974
Zoogeography
89-003385

...CONTINUED...
Mammals--Morphology
Zoogeography
89-003616
89-004038
89-004101
89-004158
Mammals--Mortality
Commercial Fishing
89-003965
89-004041
Fish Nets
89-003955
89-003965
89-004041
Nontarget Organisms
89-003318
Trapping/Handling Mortality
89-004085
Mammals--Parasites/Diseases
Aflatoxicosis
89-003444
Aleutian Disease
89-003801
Amyloidosis
89-004198
Antibiotics
89-003323
Antibodies
89-003789
Arthropods
89-004180
Bacterial Diseases
89-003323
89-003345
89-003460
89-003670
Barnacles
89-004022
Calculi
89-004304
Captive Animal Care
89-004068
89-004077
89-004093
89-004237
Catarrhal Fever
89-004053
89-004069
89-004087
89-004176
Cestodes
89-003326
89-003578
89-003875
89-003891
Chlamydiosis
89-003345
Control
89-003676
Diagnostic Techniques
89-003345
89-003672
89-004053
89-004065
Distemper
89-003672
89-003812
89-003816
89-003967
89-003969
89-003977
Echinococcosis
89-003326
Ectoparasites
89-003452
89-003947

...CONTINUED...
Mammals--Parasites/Diseases
  Encephalitis
    89-003812
  Endoparasites
    89-003579
    89-004081
  Fleas
    89-003431
    89-003514
    89-003559
  Fungal Diseases
    89-003444
  General
    89-003001
    89-003513
    89-003536
    89-003566
    89-003670
    89-003686
    89-004060
    89-004068
    89-004077
    89-004080
    89-004083
    89-004092
    89-004093
    89-004147
    89-004237
    89-004244
  Giardiasis
    89-003558
  Hantavirus
    89-003525
  Helminths
    89-003484
    89-003542
    89-003834
    89-004180
    89-004241
  Herpesvirus
    89-003362
  Injuries
    89-003957
  Leishmaniasis
    89-003327
    89-003328
    89-003330
    89-003331
    89-003365
    89-003370
    89-003463
    89-003498
    89-003642
    89-003660
    89-003687
  Leptospirosis
    89-003324
  Lesions
    89-004046
  Lice
    89-003646
  Lungworms
    89-003379
  Lyme Disease
    89-002951
    89-003650
  Malaria
    89-004225
  Mites
    89-003552
    89-003557
    89-004220
  Myopathy
    89-003364
    89-004085
  Nematodes
    89-003379

...CONTINUED...
Mammals--Parasites/Diseases
  Nematodes
    89-003462
    89-003578
    89-003875
    89-004128
    89-004273
  Neoplasms
    89-003811
    89-003846
    89-003859
    89-003860
    89-003863
    89-004046
  Panleukopenia
    89-003789
    89-003791
  Parvovirus
    89-003792
  Periodontal Disease
    89-003565
  Protozoan Diseases
    89-002951
    89-003325
    89-003327
    89-003328
    89-003329
    89-003330
    89-003331
    89-003346
    89-003347
    89-003350
    89-003351
    89-003356
    89-003357
    89-003361
    89-003365
    89-003367
    89-003368
    89-003370
    89-003423
    89-003427
    89-003463
    89-003473
    89-003498
    89-003558
    89-003560
    89-003578
    89-003642
    89-003644
    89-003660
    89-003687
    89-004037
    89-004225
    89-004283
    89-004297
  Public Health Problems
    89-003453
    89-003463
    89-003469
    89-003484
    89-003499
    89-003514
    89-003519
    89-003525
    89-003559
    89-003560
    89-003566
    89-003650
    89-003670
  Rabies
    89-003676
    89-003793
    89-003804
    89-003816
  Schistosomiasis
    89-004185

...CONTINUED...
Mammals--Parasites/Diseases
  Seizures
    89-004183
  Serology
    89-003324
    89-003816
    89-004083
  Teeth
    89-003565
  Ticks
    89-004206
  Toxoplasmosis
    89-003346
    89-003560
  Transmission of Disease
    89-003473
    89-003499
    89-003519
    89-003558
    89-003804
  Treatment
    89-003331
    89-003370
    89-003672
  Trematodes
    89-003426
    89-003891
    89-004185
  Trichomoniasis
    89-004283
  Trypanosomes
    89-003325
    89-003329
    89-003347
    89-003350
    89-003351
    89-003356
    89-003357
    89-003361
    89-003367
    89-003368
    89-003421
    89-003423
    89-003427
    89-003644
    89-004297
  Vaccination
    89-003676
    89-003789
    89-003791
    89-003793
    89-003816
  Viral Diseases
    89-003362
    89-003460
    89-003519
    89-003525
    89-003672
    89-003676
    89-003792
    89-003793
    89-003801
    89-003804
    89-003812
    89-003816
    89-003967
    89-003969
    89-003977
    89-004053
    89-004069
    89-004087
    89-004176
    89-004223
    89-004248
  Wildlife/Livestock Relationships
    89-003001

...CONTINUED...
Mammals--Parasites/Diseases
  Yersiniosis
    89-003670
Mammals--Pesticides/Pollution
  Aluminum
    89-003321
  Biological Indicators
    89-003316
  Cadmium
    89-003321
  Cesium
    89-003322
  Chlorinated Hydrocarbons
    89-003313
    89-003317
    89-003322
  Copper
    89-003321
  Coumarin
    89-004246
  Cytochrome P450
    89-003320
  Dieldrin
    89-003315
  Heavy Metals
    89-003313
    89-003321
    89-003322
  Heptachlor
    89-003315
  Herbicides
    89-003319
  Iron
    89-003321
  Lead
    89-003321
  Mercury
    89-003313
    89-003321
  Monosodium Methanearsonate
    89-003319
  Noise Pollution
    89-003765
  Nontarget Organisms
    89-003318
  Oil Pollution
    89-003314
  Polychlorinated Biphenyls
    89-003317
    89-003322
  Rodenticides
    89-003318
  Water Pollution
    89-003316
  Zinc
    89-003321
Mammals--Physiology
  Adrenal Gland
    89-003842
    89-004119
  Age Ratio
    89-003553
  Albinism
    89-003606
  Amino Acids
    89-003752
  Anal Gland
    89-003809
  Antlers
    89-004094
    89-004130
  Biochemistry
    89-004100
  Bioenergetics
    89-003374
    89-003432

SUBJECT INDEX

...CONTINUED...
Mammals--Physiology
  Bioenergetics
    89-003485
    89-003664
    89-003903
  Body Fat
    89-003553
    89-003806
    89-003818
    89-004222
  Body Temperature
    89-003380
    89-003546
  Breeding
    89-003661
    89-003818
  Breeding Season
    89-003524
    89-003981
    89-004107
    89-004116
    89-004186
  Cardiovascular System
    89-003537
  Central Nervous System
    89-003354
    89-003429
  Cytology
    89-003371
  Digestion
    89-002925
    89-003387
    89-004184
  Digestion Studies
    89-003691
  Digestive Rate
    89-004267
  Digestive System
    89-003371
    89-004187
  Diurnal Rhythm
    89-004291
  Diving
    89-003984
  Embryology
    89-003343
    89-003400
    89-003410
    89-003415
    89-003780
    89-004002
    89-004287
    89-004295
  Endocrinology
    89-003371
    89-003401
  Energy Relationships
    89-004184
  Estrous Cycle
    89-004132
    89-004236
  Excretion
    89-004267
  Female Reproductive Organs
    89-003403
    89-003415
    89-003588
  Fertility
    89-003829
  Foods/Feeding
    89-003387
    89-003607
    89-003691
    89-003903
    89-003926
    89-004222

...CONTINUED...
Mammals--Physiology
  Gestation
    89-003629
    89-004243
    89-004287
  Growth/Development
    89-003343
    89-003410
    89-003629
    89-003657
    89-003780
    89-004002
    89-004075
    89-004094
    89-004287
  Habitat Use
    89-003546
  Hair
    89-003549
  Harderian Gland
    89-003614
  Hematology
    89-003729
    89-003769
    89-003896
    89-004082
    89-004091
    89-004100
    89-004197
    89-004209
  Hibernation
    89-003537
  Histology
    89-003408
  Hormones
    89-003359
    89-003401
    89-003534
    89-003588
    89-003592
    89-003661
    89-003750
    89-003780
    89-003802
    89-003981
    89-004024
    89-004042
    89-004119
    89-004120
    89-004155
    89-004177
    89-004271
    89-004291
  Hybridization
    89-004166
  Hypothermia
    89-003571
  Hypoxia
    89-003528
  Lactation
    89-003417
    89-003418
    89-003903
    89-004243
  Male Reproductive Organs
    89-003416
    89-003842
    89-004177
  Metabolism
    89-003380
    89-003384
    89-003425
    89-003432
    89-003752
    89-003818
    89-003874

...CONTINUED...
Mammals--Physiology
Metabolism
89-004075
89-004267
Molting
89-003570
Nutrition
89-004062
89-004078
89-004095
89-004100
89-004222
Olfactory Sense
89-003377
Overwintering
89-004100
Ovulation
89-003400
89-003401
89-003603
Oxygen
89-003380
Pelage
89-004075
Photoperiodism
89-004155
Physical Condition
89-003769
89-003926
89-004188
Pituitary Gland
89-003842
89-004120
Placenta
89-003404
Pregnancy
89-003417
89-003418
89-003713
89-003750
89-003802
89-003903
89-003981
89-004042
89-004132
Productivity
89-003441
89-003684
Proteins
89-003657
Reproduction
89-003344
89-003359
89-003389
89-003403
89-003409
89-003410
89-003416
89-003441
89-003466
89-003524
89-003533
89-003534
89-003553
89-003564
89-003588
89-003603
89-003625
89-003628
89-003629
89-003631
89-003632
89-003657
89-003684
89-003800
89-003802

...CONTINUED...
Mammals--Physiology
Reproduction
89-003824
89-003829
89-003858
89-003877
89-003928
89-004002
89-004042
89-004075
89-004088
89-004095
89-004107
89-004116
89-004117
89-004119
89-004120
89-004146
89-004155
89-004186
89-004215
89-004243
89-004247
89-004250
89-004272
89-004295
89-004296
89-004298
Reproductive/Growth Regulators
89-003524
89-003877
Respiration
89-003528
89-003984
Scent Glands
89-003809
Serology
89-003729
89-004082
89-004091
Sexual Maturity
89-003591
Skin
89-003549
Sperm
89-003842
89-004024
89-004177
Steroids
89-003750
89-004042
89-004271
Stress
89-004085
89-004116
Temperature Relationships
89-003380
89-003384
89-003425
89-003549
89-003874
Testicular Cycle
89-003408
89-003632
89-003661
89-004130
89-004186
Thermoregulation
89-003546
Torpor
89-003658
Trace Elements
89-004078
89-004091
Uterus
89-003415

...CONTINUED...
Mammals--Physiology
Volatile Fatty Acids
89-004187
Water Metabolism
89-003607
Water Supply
89-003607
Winter
89-003806
Mammals--Techniques
Aerial Census
89-003904
89-003954
89-004096
Aerial Surveys
89-003710
89-003904
89-003963
89-004122
Age/Sex Ratios
89-004006
Aging
89-003386
89-003873
89-003976
89-003999
89-004007
89-004010
Aircraft
89-004051
Anesthetics
89-003551
89-004089
Artificial Insemination
89-004105
89-004121
89-004212
89-004293
Artificial Intelligence
89-003340
Baits/Attractants
89-003868
Biopsy
89-003987
Captive Animal Care
89-003285
89-003394
89-003419
89-003941
89-004110
89-004150
89-004276
Capturing Methods
89-004051
89-004063
89-004085
89-004182
Care/Rearing of Young
89-003982
Census/Survey Methods
89-003438
89-003675
89-003710
89-003746
89-003840
89-003853
89-003857
89-003868
89-003878
89-003881
89-003904
89-003914
89-003915
89-003916
89-003917
89-003918
...CONTINUED...
Mammals--Techniques
Census/Survey Methods
89-003924
89-003930
89-003931
89-003938
89-003944
89-003953
89-003954
89-003963
89-003973
89-003979
89-003980
89-003985
89-003996
89-004006
89-004016
89-004023
89-004030
89-004031
89-004043
89-004049
89-004050
89-004052
89-004096
89-004122
Computer Use
89-003287
89-003340
89-003730
89-004289
Data Storage/Retrieval
89-003899
Diets
89-003419
89-003982
Electronic Equipment
89-003393
89-004287
Electrophoresis
89-003895
89-003950
Equipment
89-004063
Fluorescent Markers
89-003619
Food Habits Studies
89-003288
89-003861
89-004102
89-004115
89-004178
Forensics
89-003286
Game Farms
89-003684
89-004064
89-004065
89-004068
89-004070
89-004089
89-004093
89-004095
89-004121
Genetics
89-003950
89-003987
Habitat Classification
89-003287
89-004163
Habitat Surveys
89-004163
Habitat Use
89-003639
Halothane
89-003551

...CONTINUED...
Mammals--Techniques
  Hematology
    89-003769
    89-003896
    89-003950
    89-004082
    89-004091
  Immobilization
    89-003551
    89-003716
    89-003883
    89-004063
    89-004070
    89-004073
    89-004089
  Individual Recognition
    89-003643
    89-003899
    89-003943
    89-003968
    89-004000
    89-004021
    89-004026
  Ketamine Hydrochloride
    89-003716
    89-003883
  Life Tables
    89-004234
  LORAN-C
    89-004122
  Mapping
    89-003287
  Marking
    89-003393
    89-003619
    89-003643
  Migration
    89-003996
    89-004031
  Morphology
    89-003733
  Movements
    89-003639
  Nets/Netting
    89-004051
    89-004182
  Nocturnal Activities
    89-003639
  Nutrition
    89-004074
    89-004106
  Photography
    89-003899
    89-003943
    89-003985
    89-004000
    89-004021
    89-004026
  Physical Condition
    89-003769
  Population Ecology
    89-003909
    89-004006
  Propagation
    89-003982
    89-004121
    89-004201
  Recordings
    89-003985
    89-003996
  Rehabilitation
    89-003394
    89-003689
    89-003795
    89-003797
    89-004110

...CONTINUED...
Mammals--Techniques
  Rehabilitation
    89-004145
    89-004213
  Serology
    89-004082
    89-004091
  Sexing
    89-003386
    89-003538
    89-003987
  Species Identification
    89-003286
  Sperm Preservation
    89-004201
  Taxonomy
    89-003366
  Telemetry
    89-003393
    89-003521
    89-003624
    89-003680
    89-003692
    89-003776
    89-003777
    89-003794
    89-003799
    89-003810
    89-003823
    89-003900
    89-003972
    89-004031
    89-004035
    89-004096
  Transect Surveys
    89-003980
  Trapping/Handling Mortality
    89-003364
  Traps/Trapping
    89-003358
    89-003438
    89-003807
  Video Tapes
    89-003623
  Visual Aids
    89-004289
  Xylazine
    89-003716
    89-003883
  Zoos
    89-003285
Modeling
  Age Ratio
    89-003722
    89-003852
    89-004019
  Breeding
    89-004953
  Computer Use
    89-002842
    89-002899
    89-003778
    89-004953
    89-005154
  Damage by Wildlife
    89-003340
  Ecosystems
    89-002934
    89-003153
    89-003195
    89-004303
  Environmental Factors
    89-002814
  Foods/Feeding
    89-005255
    89-005263

...CONTINUED...
- Modeling
  - Foods/Feeding
    - 89-005859
  - Forest/Wildlife Relationships
    - 89-003702
  - General
    - 89-002886
  - Habitat Alterations
    - 89-002814
  - Habitat Management
    - 89-005154
  - Habitat Surveys
    - 89-003236
    - 89-004099
    - 89-004163
  - Habitat Use
    - 89-004099
    - 89-005402
  - Habits/Behavior
    - 89-005402
  - Harvest/Hunting Statistics
    - 89-002817
    - 89-003722
    - 89-003933
  - Home Range/Territory
    - 89-002842
  - Land Use
    - 89-003253
  - Migration
    - 89-004017
  - Morphology
    - 89-003775
  - Movements
    - 89-005777
  - Plant Succession
    - 89-002825
  - Population Ecology
    - 89-002817
    - 89-002822
    - 89-002934
    - 89-003314
    - 89-003722
    - 89-003732
    - 89-003778
    - 89-003852
    - 89-003910
    - 89-003914
    - 89-003938
    - 89-003989
    - 89-004017
    - 89-004019
    - 89-004298
  - Predator/Prey Relationships
    - 89-004055
    - 89-005611
  - Productivity
    - 89-003910
  - Range Management
    - 89-002825
    - 89-003220
  - Recreational Activities
    - 89-002899
  - Survival
    - 89-004494
    - 89-004714
  - Wilderness Areas
    - 89-003060
  - Wildlife/Habitat Relationships
    - 89-002845
    - 89-003256
    - 89-004055
    - 89-004303
- Organizations
  - National Oceanic and Atmospheric Administration
    - 89-004638

...CONTINUED...
- Organizations
  - Royal Society for the Protection of Birds
    - 89-002970
  - U.S. Army Corps of Engineers
    - 89-003111
    - 89-003159
  - U.S. Environmental Protection Agency
    - 89-003158
  - U.S. Federal Highway Administration
    - 89-003147
  - U.S. Fish and Wildlife Service
    - 89-003148
  - U.S. Geological Survey
    - 89-003076
  - Wildlife Institute of India
    - 89-003033
- Plants--Habitat Surveys
  - Australia: Western Australia
    - 89-002864
  - Galapagos Islands
    - 89-002793
  - General
    - 89-003283
  - Hawaii: Hawaii Volcanoes Natl. Park
    - 89-002796
  - Kansas: Finney County
    - 89-002795
  - Marshes
    - 89-003172
  - Montane Habitat
    - 89-002799
  - Species Diversity
    - 89-002798
  - Washington: Montlake Wildlife Area
    - 89-002798
- Plants--Techniques
  - Computer Use
    - 89-002797
  - Habitat Classification
    - 89-002794
  - Habitat Surveys
    - 89-002797
  - Remote Sensing
    - 89-002797
  - Video Tapes
    - 89-002794
  - Visual Aids
    - 89-002794
- Reserves/Refuges/Parks
  - Africa
    - 89-003022
    - 89-003298
  - Alaska
    - 89-002879
  - Asia
    - 89-002908
  - Asia, Southeastern
    - 89-002903
  - Bangladesh
    - 89-002902
  - Bhutan
    - 89-002891
  - Biosphere Reserves
    - 89-002897
  - Canada: Nova Scotia
    - 89-002905
  - China
    - 89-002888
  - Computer Use
    - 89-002797
  - Fires/Burns
    - 89-003293

...CONTINUED...
Reserves/Refuges/Parks
  Florida
    89-002881
  General
    89-003045
  Habitat Surveys
    89-002797
  Hawaii
    89-002877
  Hunting/Anti-hunting
    89-002870
  India
    89-002855
    89-002892
    89-002893
    89-002894
    89-002896
    89-002898
    89-002900
    89-002904
  Indiana
    89-003293
  Indochina
    89-002878
    89-002890
    89-002897
    89-002901
    89-002903
    89-002908
    89-002909
    89-002914
  Indonesia
    89-002878
    89-002890
    89-002897
    89-002901
    89-002903
    89-002906
    89-002908
    89-002909
    89-002914
  Islands
    89-002874
  Kenya
    89-002895
  Land Use
    89-002913
  Laws/Law Enforcement
    89-002896
  Madagascar
    89-003097
  Malawi
    89-002860
  Malaysia
    89-002883
    89-002885
  Nepal
    89-002910
  Nigeria
    89-003019
  Pakistan
    89-002884
  Philippines
    89-002889
  Planning
    89-002873
  Protection
    89-002873
    89-002890
    89-002896
    89-002900
    89-002901
    89-002907
  Public Relations
    89-002885
    89-002894

...CONTINUED...
Reserves/Refuges/Parks
  Recreational Activities
    89-002871
  Remote Sensing
    89-002797
  Socio-economic Studies
    89-002873
    89-002907
  South Africa
    89-002870
    89-002875
    89-002882
  South China Sea and Area
    89-002874
  Thailand
    89-002876
    89-002907
    89-002912
  United States
    89-002880
  Utilization
    89-002871
    89-002873
  Vietnam
    89-002911
Socio-economic Studies
  Africa
    89-003044
  Michigan
    89-002872
  Recreational Activities
    89-002962
    89-003044
  Reserves/Refuges/Parks
    89-002872
    89-002873
Soil Surveys
  Indiana: Martin County
    89-002787
  Kentucky: Todd County
    89-002786
  Montana: Fergus County
    89-002784
  Oklahoma: Muskogee County
    89-002789
  Tennessee: Crockett County
    89-002783
  Texas: Refugio County
    89-002785
  Virginia: Powhatan County
    89-002788
Wildlife--Behavior
  Interspecies Relationships
    89-002934
    89-002935
  Life History/General
    89-002936
  Pollination
    89-002932
  Population Ecology
    89-002934
  Predator/Prey Relationships
    89-002955
  Seed Dispersal
    89-002937
  Social Behavior
    89-002935
    89-002936
  Vocalization
    89-002931
  Wildlife/Habitat Relationships
    89-002932
Wildlife--Communities
  Antarctica
    89-002868
  Arizona
    89-002866

...CONTINUED...
- Wildlife--Communities
  - Asia: Himalaya Mountain Region
    - 89-002857
  - Australia: Western Australia
    - 89-002864
  - Biomass
    - 89-002850
  - California
    - 89-002867
  - California, Northwestern
    - 89-002863
  - Cemeteries
    - 89-002854
  - Checklists
    - 89-002859
  - Coastal Habitat
    - 89-003077
  - Douglas Fir
    - 89-002863
  - Edge Habitat
    - 89-002869
  - Exotic Species
    - 89-002851
    - 89-002868
  - Forests
    - 89-002861
    - 89-002865
  - Forests, Coniferous
    - 89-002863
  - Forests, Deciduous
    - 89-002863
    - 89-002867
    - 89-003097
  - Forests, Tropical
    - 89-002862
    - 89-003097
  - Habitat Islands
    - 89-002854
  - Habitat Surveys
    - 89-002852
    - 89-002861
  - India
    - 89-002855
    - 89-002857
    - 89-002858
    - 89-002865
    - 89-003144
  - Islands
    - 89-002851
    - 89-002868
    - 89-003097
  - Madagascar
    - 89-003097
  - Maine
    - 89-002852
  - Malawi
    - 89-002860
  - Marshes
    - 89-003172
  - Marshes, Salt
    - 89-003077
  - New Zealand
    - 89-002850
  - Oak
    - 89-002867
  - Prince Edward Islands
    - 89-002868
  - Rangeland
    - 89-002859
  - Riparian Habitat
    - 89-002855
  - Sagebrush
    - 89-002859
  - South Africa
    - 89-002851
  - Species Diversity
    - 89-002850

...CONTINUED...
- Wildlife--Communities
  - Species Diversity
    - 89-002861
    - 89-002887
  - United States
    - 89-002859
  - Urban Habitat
    - 89-002854
    - 89-002856
    - 89-002866
    - 89-002971
  - Vietnam
    - 89-002862
  - Wetlands
    - 89-003144
  - Wildlife/Habitat Relationships
    - 89-002852
- Wildlife--Damage
  - Predation
    - 89-003024
  - Predator Control
    - 89-002957
- Wildlife--General
  - Captive Animal Care
    - 89-002809
  - Chromosomes
    - 89-003435
    - 89-003436
    - 89-003634
    - 89-003682
    - 89-004230
    - 89-004231
    - 89-004279
  - Commercial Enterprises
    - 89-002810
  - Desert Habitat
    - 89-002806
  - DNA
    - 89-003366
    - 89-003682
    - 89-004747
  - Economic Value
    - 89-002810
    - 89-003028
  - Electrophoresis
    - 89-003978
    - 89-004032
    - 89-005751
    - 89-005821
  - Endangered/Threatened Species
    - 89-002918
  - Evolution
    - 89-004230
    - 89-005656
  - Food Supply
    - 89-002811
  - Foods/Feeding
    - 89-002800
    - 89-002801
  - General
    - 89-002812
  - Genetics
    - 89-002804
    - 89-003032
    - 89-003366
    - 89-003372
    - 89-003435
    - 89-003436
    - 89-003447
    - 89-003548
    - 89-003568
    - 89-003622
    - 89-003682
    - 89-003814
    - 89-003817
    - 89-003830

...CONTINUED...
- Wildlife--General
  - Genetics
    - 89-003893
    - 89-003935
    - 89-003950
    - 89-003978
    - 89-003987
    - 89-004032
    - 89-004047
    - 89-004048
    - 89-004071
    - 89-004112
    - 89-004148
    - 89-004249
    - 89-004255
    - 89-004279
    - 89-004699
    - 89-004700
    - 89-005656
    - 89-005663
    - 89-005751
    - 89-005821
    - 89-005834
    - 89-005867
  - Grasslands
    - 89-003597
  - Habitat Use
    - 89-003597
  - Habits/Behavior
    - 89-003830
  - India
    - 89-002858
  - Karyotypes
    - 89-003622
    - 89-003893
    - 89-004152
    - 89-004257
    - 89-005284
    - 89-005663
    - 89-005822
    - 89-005854
  - Laws/Law Enforcement
    - 89-002810
  - Population Ecology
    - 89-002802
    - 89-002808
  - Taxonomy
    - 89-004047
    - 89-004048
  - Trophic Relationships
    - 89-003137
  - Waste Grain
    - 89-002811
  - Water Supply
    - 89-002806
  - Wildlife/Habitat Relationships
    - 89-002800
    - 89-002801
    - 89-002852
    - 89-003597
  - Zoogeography
    - 89-003548
    - 89-005867
  - Zoos
    - 89-002804
    - 89-002809
- Wildlife--Management
  - Access
    - 89-003000
    - 89-003002
  - Africa
    - 89-002967
    - 89-003008
    - 89-003015
    - 89-003022
    - 89-003023

...CONTINUED...
- Wildlife--Management
  - Africa
    - 89-003025
    - 89-003039
    - 89-003044
    - 89-003047
    - 89-003049
  - Alabama
    - 89-003002
  - Animal Rights
    - 89-002973
    - 89-002987
    - 89-003038
  - Arizona
    - 89-002972
    - 89-002998
    - 89-003030
  - Barrier Islands
    - 89-002981
  - California
    - 89-002984
    - 89-002994
    - 89-002998
  - Colorado
    - 89-002990
  - Computer Use
    - 89-002780
    - 89-002878
  - Conservation Education
    - 89-003046
  - Conservation Reserve Programs
    - 89-003031
  - Critical Habitat
    - 89-002972
    - 89-002980
    - 89-003107
    - 89-005504
  - Data Storage/Retrieval
    - 89-002878
  - Economic Value
    - 89-002872
    - 89-003028
    - 89-003043
  - Endangered/Threatened Species
    - 89-003045
  - Exotic Species
    - 89-002977
  - Fee Hunting
    - 89-003000
  - Feral Animals
    - 89-002977
    - 89-004205
  - Food Supply
    - 89-003235
  - Forest/Wildlife Relationships
    - 89-004462
  - Forestry Practices
    - 89-002976
    - 89-003037
    - 89-003226
    - 89-004319
  - Forests
    - 89-002861
  - Forests, Deciduous
    - 89-002980
  - Gabon
    - 89-003014
  - Game Farms
    - 89-003043
  - General
    - 89-002843
    - 89-002974
    - 89-003003
    - 89-003013
  - Genetics
    - 89-003032

...CONTINUED...
- Wildlife--Management
  - Guam
    - 89-002977
  - Habitat Classification
    - 89-002887
  - Habitat Islands
    - 89-004660
  - Habitat Management
    - 89-002861
    - 89-002969
    - 89-002976
    - 89-002997
    - 89-002999
    - 89-003009
    - 89-003019
    - 89-003066
    - 89-003107
    - 89-003114
    - 89-003120
    - 89-003174
    - 89-003185
    - 89-003196
    - 89-003235
    - 89-003261
    - 89-003268
    - 89-003757
    - 89-004616
    - 89-004618
    - 89-004636
    - 89-004646
    - 89-004658
    - 89-004660
    - 89-004663
    - 89-004673
    - 89-004676
    - 89-004719
    - 89-004860
    - 89-004866
    - 89-004884
    - 89-004970
    - 89-005154
    - 89-005197
    - 89-005638
    - 89-005688
    - 89-005810
  - Habitat Surveys
    - 89-002779
    - 89-002996
    - 89-003007
    - 89-003012
    - 89-003035
  - Hunting/Anti-hunting
    - 89-003002
  - Illegal Kill
    - 89-004181
  - India
    - 89-002979
    - 89-003029
    - 89-003033
    - 89-003040
  - Indochina
    - 89-003034
  - Indonesia
    - 89-003034
  - Insect Control
    - 89-004462
  - Islands
    - 89-002779
    - 89-002977
    - 89-002981
  - Kentucky
    - 89-003009
  - Kenya
    - 89-002964
    - 89-002968
    - 89-002992

...CONTINUED...
- Wildlife--Management
  - Kenya
    - 89-002995
    - 89-003006
    - 89-003017
    - 89-003041
    - 89-003043
    - 89-003053
  - Land Use
    - 89-002973
    - 89-002990
    - 89-002995
    - 89-003001
    - 89-003010
    - 89-003016
    - 89-003021
    - 89-003026
    - 89-003048
    - 89-003203
    - 89-003216
  - Land, Private
    - 89-002993
    - 89-003226
  - Land, Public
    - 89-003000
  - Laws/Law Enforcement
    - 89-002976
    - 89-004181
  - Malawi
    - 89-003004
  - Maryland
    - 89-002985
    - 89-002986
  - Mast
    - 89-003235
  - Modeling
    - 89-002780
    - 89-003090
    - 89-003256
    - 89-003287
    - 89-003340
  - Natural Resources
    - 89-002779
    - 89-002780
    - 89-002781
    - 89-002782
    - 89-002794
    - 89-002819
    - 89-002828
    - 89-002831
    - 89-002878
    - 89-002908
    - 89-002994
    - 89-003287
    - 89-003340
  - New Jersey
    - 89-003035
  - New Mexico
    - 89-002998
  - New York
    - 89-003012
    - 89-003055
  - Nigeria
    - 89-002963
    - 89-002982
    - 89-002983
    - 89-003018
    - 89-003019
    - 89-003020
    - 89-003021
  - Nongame Wildlife
    - 89-003055
  - North Carolina
    - 89-003036
  - Oregon
    - 89-002996

SUBJECT INDEX

...CONTINUED...
Wildlife--Management
  Oregon
    89-003000
  Planning
    89-002781
    89-002985
  Plantings
    89-002969
  Population Control
    89-002967
    89-003004
    89-003005
  Population Ecology
    89-002967
    89-003004
    89-003005
    89-003046
    89-003278
  Predator/Prey Relationships
    89-003024
  Public Relations
    89-002964
    89-002966
    89-002971
    89-002983
    89-002988
    89-002994
    89-003002
    89-003004
    89-003005
    89-003010
    89-003018
    89-003023
    89-003026
    89-003036
    89-003689
  Questionnaires
    89-003000
  Range Management
    89-002964
    89-002968
    89-002988
    89-002992
    89-002997
    89-003017
    89-003019
    89-003041
    89-003185
    89-003196
    89-003203
    89-003216
  Rangeland
    89-002805
    89-002968
    89-002988
    89-002992
    89-002995
    89-003001
    89-003008
    89-003016
    89-003017
    89-003024
    89-003026
    89-003041
    89-003048
    89-003053
    89-003203
    89-003216
  Recreational Activities
    89-002872
    89-002899
    89-002962
  Reserves/Refuges/Parks
    89-002870
    89-002878
    89-003004

...CONTINUED...
Wildlife--Management
  Reserves/Refuges/Parks
    89-003005
    89-003010
    89-003022
    89-003045
  Restoration
    89-002974
    89-005146
  Riparian Habitat
    89-002980
    89-003030
  Roadsides
    89-003268
  Socio-economic Studies
    89-003044
  South Africa
    89-002870
    89-003005
  South Carolina
    89-002981
  Stocking/Transplanting
    89-002974
  Subsistence Hunting
    89-003911
    89-003952
  Tennessee
    89-002980
  Texas
    89-002997
  United States, Western
    89-003003
  Urban Habitat
    89-002971
    89-002972
    89-002980
    89-002981
    89-002984
    89-002985
    89-002986
    89-002989
    89-002990
    89-002993
    89-002996
    89-002998
    89-002999
    89-003007
    89-003012
    89-003027
    89-003030
    89-003035
    89-003036
    89-003054
    89-003055
    89-003274
  Urbanization
    89-003030
  Watershed Management
    89-003276
  Wildlife as Food
    89-003043
  Wildlife/Habitat Relationships
    89-003256
    89-004319
  Wildlife/Livestock Relationships
    89-002805
    89-002952
    89-002964
    89-002968
    89-002992
    89-002995
    89-003001
    89-003006
    89-003008
    89-003016
    89-003017

SUBJECT INDEX

...CONTINUED...
- Wildlife--Management
  - Wildlife/Livestock Relationships
    - 89-003024
    - 89-003026
    - 89-003041
    - 89-003043
    - 89-003048
    - 89-003053
    - 89-003261
  - Wyoming
    - 89-002993
  - Zimbabwe
    - 89-003010
  - Zoos
    - 89-002950
    - 89-002965
    - 89-002975
    - 89-002978
    - 89-002987
    - 89-002991
    - 89-003011
    - 89-003032
    - 89-003042
    - 89-003050
    - 89-003051
    - 89-003052
- Wildlife--Morphology
  - Venom Glands
    - 89-002930
- Wildlife--Parasites/Diseases
  - Captive Animal Care
    - 89-002950
  - Catarrhal Fever
    - 89-004056
  - Flies
    - 89-002939
  - Myiasis
    - 89-002939
  - Protozoan Diseases
    - 89-002949
  - Public Health Problems
    - 89-002947
  - Rabies
    - 89-002947
  - Rinderpest
    - 89-002952
  - Ticks
    - 89-002949
  - Trypanosomes
    - 89-002949
  - Viral Diseases
    - 89-002947
    - 89-002952
    - 89-004056
  - Wildlife/Livestock Relationships
    - 89-002949
    - 89-002952
- Wildlife--Pesticides/Pollution
  - Agricultural Practices
    - 89-002946
    - 89-003262
  - Chlorinated Hydrocarbons
    - 89-002943
  - General
    - 89-002943
    - 89-002946
  - Malathion
    - 89-002944
  - Nontarget Organisms
    - 89-002946
  - Organophosphates
    - 89-002944
  - Sewage Disposal
    - 89-003115
  - Wastewater
    - 89-003079

...CONTINUED...
- Wildlife--Pesticides/Pollution
  - Water Pollution
    - 89-003078
- Wildlife--Physiology
  - Adaptation
    - 89-003547
  - Evolution
    - 89-003547
  - Hematology
    - 89-002927
  - Hormones
    - 89-002924
  - Iodine
    - 89-002924
  - Lungs
    - 89-002928
  - Reproduction
    - 89-002917
  - Respiration
    - 89-002926
    - 89-002927
    - 89-002929
  - Respiratory System
    - 89-002928
  - Temperature Relationships
    - 89-002926
  - Thyroid Gland
    - 89-002924
- Wildlife--Techniques
  - Anesthetics
    - 89-002830
  - Artificial Intelligence
    - 89-002819
    - 89-002826
    - 89-002845
  - Captive Animal Care
    - 89-002950
  - Census/Survey Methods
    - 89-002843
  - Computer Use
    - 89-002819
    - 89-002826
    - 89-002828
    - 89-002831
    - 89-002843
    - 89-002899
    - 89-002991
    - 89-003051
    - 89-003090
    - 89-003157
    - 89-003284
  - Conservation Education
    - 89-002827
  - Data Storage/Retrieval
    - 89-002819
    - 89-002826
    - 89-002828
    - 89-002831
    - 89-002843
    - 89-003090
    - 89-003157
    - 89-003284
  - Diets
    - 89-003042
    - 89-003051
  - Electronic Equipment
    - 89-002931
  - Forensics
    - 89-003286
  - Habitat Surveys
    - 89-002852
  - Home Range/Territory
    - 89-002824
    - 89-002836
    - 89-002849
  - Immobilization
    - 89-002830

SUBJECT INDEX

...CONTINUED...
Wildlife--Techniques
  Mapping
    89-002819
    89-002828
    89-003090
  Modeling
    89-002826
    89-002831
    89-002899
  Movements
    89-002836
  Osteology
    89-002847
  Photography
    89-002846
  Population Ecology
    89-002820
  Public Relations
    89-002818
    89-002827
    89-002837
    89-002846
  Recordings
    89-002931
  Rehabilitation
    89-002815
    89-002816
    89-002818
    89-002821
    89-002827
    89-002829
    89-002832
    89-002833
    89-002834
    89-002837
    89-002838
    89-002840
    89-002844
    89-002846
    89-002847
  Remote Sensing
    89-002819
    89-002828
    89-003284
  Surgery
    89-002950
  Survival
    89-002820
  Telemetry
    89-002813
    89-002819
    89-002820
    89-002823
    89-002824
    89-002828
    89-002835
    89-002836
    89-002839
    89-002841
    89-003284
  Transportation
    89-002950
  Video Tapes
    89-002819
    89-002828
  Visual Aids
    89-002819
    89-002828
    89-002846
  Wildlife/Habitat Relationships
    89-004367
  Zoos
    89-002848

- Acinonyx jubatus
  - Immobilization
    - 89-003883
  - Interspecies Relationships
    - 89-003311
  - Ketamine Hydrochloride
    - 39-003883
  - Migration
    - 89-003311
  - Neoplasms
    - 89-003846
  - Parasites/Diseases
    - 89-003846
  - Predator/Prey Relationships
    - 89-003311
  - Rainfall
    - 89-003311
  - Xylazine
    - 89-003883
- Acomys cahirinus
  - Brodifacoum
    - 89-003626
  - Calciferol
    - 89-003626
  - Control
    - 89-003626
  - Damage by Wildlife
    - 89-003626
  - Foods/Feeding
    - 89-003659
  - Learning
    - 89-003659
  - Predator/Prey Relationships
    - 89-003659
  - Rodenticides
    - 89-003626
  - Zinc Phosphide
    - 89-003626
- Aepyceros melampus
  - Life History/General
    - 89-004171
  - Zoos
    - 89-004171
- Agouti paca
  - Sperm
    - 89-003662
- Ailuropoda melanoleuca
  - Hormones
    - 89-003750
  - Pregnancy
    - 89-003750
  - Steroids
    - 89-003750
- Ailurus fulgens
  - Breeding Season
    - 89-003796
  - Habits/Behavior
    - 89-003796
- Akodon
  - Leishmaniasis
    - 89-003660
  - Parasites/Diseases
    - 89-003660
  - Protozoan Diseases
    - 89-003660
- Alces alces
  - Aerial Surveys
    - 89-004122
  - Artificial Intelligence
    - 89-003340
  - Census/Survey Methods
    - 89-004122
  - Computer Use
    - 89-003287
    - 89-003340
  - Damage by Wildlife
    - 89-003340

...CONTINUED...

- Alces alces
  - Damage by Wildlife
    - 89-004138
  - Grazing
    - 89-003340
  - Habitat Classification
    - 89-003287
  - LORAN-C
    - 89-004122
  - Management/Canada: Nova Scotia
    - 89-004133
  - Mapping
    - 89-003287
  - Modeling
    - 89-003287
    - 89-003340
  - Nitrogen
    - 89-004074
  - Nutrition
    - 89-004074
  - Pine Plantations
    - 89-004138
  - Rehabilitation
    - 89-004145
  - Remote Sensing
    - 89-003284
- Alopex lagopus
  - Digestion Studies
    - 89-003691
  - Foods/Feeding
    - 89-003691
  - Predation
    - 89-004748
- Alouatta pigra
  - Life History/General
    - 89-004238
  - Management/Belize
    - 89-004238
- Ammospermophilus harrisii
  - Desert Habitat
    - 89-003459
  - Habitat Use
    - 89-003459
  - Life History/General
    - 89-003459
- Anotomys leander
  - Evolution
    - 89-003526
  - Life History/General
    - 89-003526
  - Morphology
    - 89-003526
  - Taxonomy
    - 89-003526
- Antilocapra americana
  - Management/Arizona
    - 89-004162
    - 89-004170
  - Status/Arizona
    - 89-004170
  - Urbanization
    - 89-004162
    - 89-004170
- Antilope cervicapra
  - Distribution/India
    - 89-004203
  - Life History/General
    - 89-004203
  - Status/India
    - 89-004203
- Aotus trivirgatus griseimembra
  - Malaria
    - 89-004225
  - Parasites/Diseases
    - 89-004225
  - Protozoan Diseases
    - 89-004225

Aplodontia rufa
  Habitat Use
    89-003637
  Seasonal Activities
    89-003637
Apodemus flavicollis
  Magnetic Field
    89-003586
  Orientation/Homing
    89-003586
Apodemus sylvaticus
  Biological Indicators
    89-003316
  Breeding Season
    89-003632
  Dispersal
    89-003600
  Female Reproductive Organs
    89-003588
  Foods/Feeding
    89-003310
  Habitat Surveys
    89-003600
  Harderian Gland
    89-003614
  Hormones
    89-003588
  Interspecies Relationships
    89-003310
  Magnetic Field
    89-003586
  Orientation/Homing
    89-003586
  Population Ecology
    89-003600
    89-003632
  Reproduction
    89-003588
    89-003632
  Social Behavior
    89-003623
  Testicular Cycle
    89-003632
  Urban Habitat
    89-003600
  Video Tapes
    89-003623
  Water Pollution
    89-003316
Arctocephalus gazella
  Electrophoresis
    89-003978
  Genetics
    89-003978
Arctocephalus pusillus doriferus
  Captive Animal Care
    89-004015
  Zoos
    89-004015
Arctocephalus tropicalis
  Electrophoresis
    89-003978
  Genetics
    89-003978
Arvicanthis niloticus
  Fleas
    89-003514
  Parasites/Diseases
    89-003514
  Public Health Problems
    89-003514
Arvicola terrestris monticola
  Distribution/Portugal
    89-003648
  Range Extension
    89-003648
Asellia tridens murriana
  Parasites/Diseases
    89-003426
  Trematodes
    89-003426
Ateles geoffroyi
  Foods/Feeding
    89-004235
  Seed Dispersal
    89-004235
Atilax paludinosus
  Scent Marking
    89-003888
Axis axis
  Commercial Enterprises
    89-004076
  Distribution/Australia
    89-004072
  Endoparasites
    89-004081
  Game Farms
    89-004060
    89-004076
  Life History/General
    89-004066
  Management/Australia
    89-004066
  Parasites/Diseases
    89-004060
    89-004081
Axis axis axis
  Distribution/India
    89-004143
  Life History/General
    89-004143
  Status/India
    89-004143
Axis porcinus
  Distribution/Australia
    89-004072
  Endoparasites
    89-004081
  Parasites/Diseases
    89-004081
Balaena glacialis
  Distribution/Canada: Nova Scotia
    89-004033
  Endangered/Threatened Species
    89-004033
Balaena mysticetus
  Aerial Census
    89-003904
  Aerial Surveys
    89-003904
  Age/Sex Ratios
    89-003911
    89-004006
  Aging
    89-004007
  Census/Survey Methods
    89-003904
    89-003924
    89-003953
    89-003985
    89-003996
    89-004006
    89-004016
    89-004030
    89-004031
    89-004049
    89-004050
  Digestive System
    89-004036
  Distribution/Alaska
    89-003924
  Distribution/Canada: Hudson Bay
    89-004044

...CONTINUED...
- Balaena mysticetus
  - Distribution/Canada: Manitoba
    - 89-004044
  - Environmental Factors
    - 89-003985
  - Habitat Use
    - 89-004005
  - Harvest/Hunting Statistics
    - 89-003911
    - 89-003952
  - Individual Recognition
    - 89-004021
  - Migration
    - 89-003996
    - 89-004005
    - 89-004017
    - 89-004031
  - Modeling
    - 89-004017
  - Photography
    - 89-003985
    - 89-004021
  - Population Ecology
    - 89-003910
    - 89-004006
    - 89-004017
  - Productivity
    - 89-003910
  - Recordings
    - 89-003985
    - 89-003996
  - Status/Alaska
    - 89-003924
  - Stomach
    - 89-004036
  - Subsistence Hunting
    - 89-003911
    - 89-003952
  - Telemetry
    - 89-004031
  - Whaling
    - 89-003911
    - 89-003952
- Balaenoptera acutorostrata
  - Age Ratio
    - 89-004019
  - Aging
    - 89-003976
    - 89-004010
  - Census/Survey Methods
    - 89-003914
    - 89-003916
    - 89-003917
    - 89-003918
    - 89-003931
    - 89-003973
    - 89-004043
  - Distribution/Antarctica
    - 89-003973
  - Distribution/Atlantic Ocean, Northern
    - 89-003990
  - Distribution/Europe: Iberian Peninsula
    - 89-003995
  - Distribution/Greenland
    - 89-003990
  - Electrophoresis
    - 89-004032
  - Genetics
    - 89-004032
  - Harvest/Hunting Statistics
    - 89-003933
    - 89-003975
    - 89-003991
    - 89-004010

...CONTINUED...
- Balaenoptera acutorostrata
  - Harvest/Hunting Statistics
    - 89-004011
    - 89-004039
  - Hematology
    - 89-003896
  - Life History/General
    - 89-003990
  - Management/Antarctica
    - 89-003939
  - Modeling
    - 89-003933
    - 89-004019
  - Population Ecology
    - 89-003896
    - 89-003914
    - 89-003939
    - 89-004010
    - 89-004019
    - 89-004040
  - Status/Antarctica
    - 89-003918
  - Status/Atlantic Ocean, Northern
    - 89-003970
    - 89-003990
    - 89-004019
  - Status/Barents Sea
    - 89-004019
  - Status/Europe: Iberian Peninsula
    - 89-003995
  - Status/Greenland
    - 89-003990
    - 89-003991
  - Status/Iceland
    - 89-003970
  - Status/Norway
    - 89-004011
  - Status/Pacific Ocean
    - 89-004040
  - Status/Yellow Sea and Area
    - 89-004040
  - Telemetry
    - 89-003972
  - Whaling
    - 89-003933
    - 89-003975
    - 89-003991
    - 89-004010
    - 89-004011
    - 89-004039
- Balaenoptera borealis
  - Electrophoresis
    - 89-003895
    - 89-004032
  - Genetics
    - 89-003935
    - 89-004032
  - Growth/Development
    - 89-004038
  - Harvest/Hunting Statistics
    - 89-004027
  - Hematology
    - 89-003896
  - Population Ecology
    - 89-003896
  - Whaling
    - 89-004027
  - Zoogeography
    - 89-004038
- Balaenoptera edeni
  - Harvest/Hunting Statistics
    - 89-003932
  - Status/Pacific Ocean, Northern
    - 89-003932
- Balaenoptera musculus
  - Harvest/Hunting Statistics
    - 89-004027

...CONTINUED...

- Balaenoptera musculus
  - Whaling
    - 89-004027
- Balaenoptera physalus
  - Body Fat
    - 89-004012
  - Breeding Season
    - 89-003981
  - Electrophoresis
    - 89-003895
    - 89-004032
  - Eyes
    - 89-003968
  - Foods/Feeding
    - 89-004012
  - Genetics
    - 89-003935
    - 89-004032
  - Growth/Development
    - 89-004038
  - Harvest/Hunting Statistics
    - 89-003892
    - 89-004027
  - Hematology
    - 89-003896
  - Hormones
    - 89-003981
  - Individual Recognition
    - 89-003968
  - Locomotion
    - 89-004012
  - Muscles
    - 89-004012
  - Population Ecology
    - 89-003896
  - Pregnancy
    - 89-003981
  - Sexual Maturity
    - 89-003892
  - Social Behavior
    - 89-003942
  - Status/Greenland
    - 89-003970
  - Swimming
    - 89-003942
    - 89-004012
  - Tails
    - 89-003968
  - Vocalization
    - 89-003942
  - Whaling
    - 89-004027
  - Zoogeography
    - 89-004038
- Bandicota nemorivaga
  - Anticoagulants
    - 89-003486
  - Damage by Wildlife
    - 89-003486
  - Rice
    - 89-003486
  - Rodenticides
    - 89-003486
- Bats
  - Captive Animal Care
    - 89-003394
  - Caves
    - 89-003395
  - Female Reproductive Organs
    - 89-003412
  - Habitat Use
    - 89-003395
  - Hair
    - 89-003420
  - Life History/General
    - 89-003433

...CONTINUED...

- Bats
  - Rehabilitation
    - 89-003394
  - Reproduction
    - 89-003389
  - Seasonal Activities
    - 89-003395
  - Status/Australia: Tasmania
    - 89-003433
  - Taxonomy
    - 89-003433
- Bison bison
  - Agonistic Behavior
    - 89-004199
  - Intraspecies Relationships
    - 89-004199
  - Prairies
    - 89-003191
  - Social Behavior
    - 89-004199
  - Wildlife/Habitat Relationships
    - 89-003191
- Bison bonasus
  - Hematology
    - 89-004209
- Blarina brevicauda
  - Olfactory Sense
    - 89-003377
  - Population Ecology
    - 89-003375
  - Status/Illinois
    - 89-003375
- Bos gaurus
  - Parasites/Diseases
    - 89-004183
  - Seizures
    - 89-004183
- Bunolagus monticularis
  - Distribution/South Africa
    - 89-003442
  - Status/South Africa
    - 89-003442
- Callicebus moloch brunneus
  - Karyotypes
    - 89-004257
- Callithrix jacchus
  - Agonistic Behavior
    - 89-004278
  - Body Fat
    - 89-004222
  - Coumarin
    - 89-004246
  - Cytochrome P450
    - 89-003320
  - Diurnal Rhythm
    - 89-004291
  - Foods/Feeding
    - 89-004222
  - Hormones
    - 89-004291
  - Nutrition
    - 89-004222
  - Social Behavior
    - 89-004278
    - 89-004291
- Callosciurus erythraeus roberti
  - Eyes
    - 89-003550
  - Sight
    - 89-003550
- Calomys bimaculatus
  - Taxonomy
    - 89-003638
- Calomys callosus
  - Parasites/Diseases
    - 89-003644

...CONTINUED...

- Calomys callosus
  - Protozoan Diseases
    - 89-003644
  - Taxonomy
    - 89-003638
  - Trypanosomes
    - 89-003644
- Calomys hummelincki
  - Taxonomy
    - 89-003638
- Calomys laucha
  - Agricultural Practices
    - 89-003598
  - Habitat Use
    - 89-003598
  - Predators
    - 89-003598
  - Social Behavior
    - 89-003598
  - Taxonomy
    - 89-003638
- Calomys laucha tenor
  - Taxonomy
    - 89-003638
- Calomys lepidus
  - Taxonomy
    - 89-003638
- Calomys murillus
  - Taxonomy
    - 89-003638
- Calomys musculinus
  - Agricultural Practices
    - 89-003598
  - Habitat Use
    - 89-003598
  - Predators
    - 89-003598
  - Social Behavior
    - 89-003598
  - Taxonomy
    - 89-003638
- Calomys sorellus
  - Taxonomy
    - 89-003638
- Calomys venustus
  - Taxonomy
    - 89-003638
- Caluromys philander
  - Hormones
    - 89-003359
  - Reproduction
    - 89-003359
- Canidae
  - Chromosomes
    - 89-003682
  - Damage by Wildlife
    - 89-003678
  - DNA
    - 89-003682
  - Genetics
    - 89-003682
  - Livestock
    - 89-003678
  - Predation
    - 89-003678
- Canis familiaris
  - Damage by Wildlife
    - 89-003334
  - Feral Animals
    - 89-003334
  - Livestock
    - 89-003334
  - Predation
    - 89-003333
- Canis latrans
  - Census/Survey Methods
    - 89-003675

...CONTINUED...

- Canis latrans
  - Damage by Wildlife
    - 89-003334
  - Desert Habitat
    - 89-003671
  - Distribution/Colorado
    - 89-003681
  - Distribution/Costa Rica
    - 89-003688
  - Feral Animals
    - 89-003334
  - Habitat Use
    - 89-003683
  - Home Range/Territory
    - 89-003683
    - 89-003692
  - Interspecies Relationships
    - 89-003683
  - Life History/General
    - 89-003671
  - Livestock
    - 89-003334
  - Movements
    - 89-003692
  - Population Ecology
    - 89-003681
  - Public Relations
    - 89-003689
  - Rehabilitation
    - 89-003689
  - Status/Tennessee
    - 89-003675
  - Telemetry
    - 89-003692
  - Urban Habitat
    - 89-003692
  - Vocalization
    - 89-003693
- Canis lupus
  - Dens
    - 89-003679
  - Foods/Feeding
    - 89-003673
    - 89-003680
  - Habits/Behavior
    - 89-003679
  - Home Range/Territory
    - 89-003680
  - Modeling
    - 89-003680
  - Movements
    - 89-003680
  - Overwintering
    - 89-003673
    - 89-003680
  - Predation
    - 89-003332
    - 89-003341
    - 89-003680
  - Remote Sensing
    - 89-003284
  - Telemetry
    - 89-003680
- Canis rufus
  - Management/North Carolina
    - 89-003690
  - Restoration
    - 89-003690
- Capra hircus
  - Control
    - 89-005504
  - Feral Animals
    - 89-004193
    - 89-005504
  - Management/Hawaii
    - 89-005504

...CONTINUED...
Capra hircus
Propagation
89-004194
Social Behavior
89-004193
Wildlife/Habitat Relationships
89-005504
Capra pyrenaica
Census/Survey Methods
89-004052
Capreolus capreolus
Abnormalities
89-004159
Cloaca
89-004135
Density
89-004123
Digestive System
89-004135
Feet
89-004135
Habitat Use
89-004123
Kidneys
89-004135
Population Ecology
89-002807
Stomach
89-004135
Teeth
89-004159
Wildlife/Habitat Relationships
89-004123
Zoogeography
89-004158
Cardiocranius paradoxus
Taxonomy
89-003654
Zoogeography
89-003654
Carnivores
Attacks on Humans
89-003674
Diagnostic Techniques
89-003672
Distemper
89-003672
Life History/General
89-003674
Parasites/Diseases
89-003672
Treatment
89-003672
Viral Diseases
89-003672
Carollia brevicauda
Chromosomes
89-003435
Genetics
89-003435
Carollia castanea
Chromosomes
89-003435
Genetics
89-003435
Carollia perspicillata
Chromosomes
89-003435
Genetics
89-003435
Carollia subrufa
Chromosomes
89-003435
Genetics
89-003435
Castor canadensis
Diurnal Rhythm
89-003556

...CONTINUED...
Castor canadensis
Habitat Management
89-003174
Mites
89-003552
Parasites/Diseases
89-003552
Riparian Habitat
89-003174
Catagonus wagneri
Captive Animal Care
89-004168
Propagation
89-004168
Zoos
89-004168
Cebuella pygmaea
Captive Animal Care
89-004268
Foods/Feeding
89-004268
Supplemental Feeding
89-004268
Zoos
89-004268
Cebus apella
Grooming/Preening
89-004274
Tools
89-004274
Cebus nigrivittatus
Care/Rearing of Young
89-004263
Intraspecies Relationships
89-004263
Nursing
89-004263
Cephalophus walkeri
Status/Malawi
89-004175
Taxonomy
89-004175
Cephalorhynchus
Life History/General
89-003913
Cephalorhynchus commersonii
Aging
89-003997
Coloration
89-003959
Distribution/Argentina
89-003958
Distribution/Atlantic Ocean, Southern
89-003958
Distribution/Chile
89-003992
Female Reproductive Organs
89-003928
Fish Nets
89-003955
Flippers
89-003957
89-003959
Foods/Feeding
89-003898
Harvest/Hunting Statistics
89-003955
Injuries
89-003957
Life History/General
89-003934
89-003958
89-003994
Male Reproductive Organs
89-003928

...CONTINUED...
Cephalorhynchus commersonii
  Morphology
   89-003997
  Mortality
   89-003955
  Parasites/Diseases
   89-003957
  Reproduction
   89-003928
  Status/Argentina
   89-003958
  Status/Atlantic Ocean, Southern
   89-003958
  Status/Chile
   89-003992
   89-003994
  Status/Falkland Islands
   89-003912
  Status/South America
   89-003912
  Taxonomy
   89-003959
  Vocalization
   89-003946
  Zoos
   89-003934
Cephalorhynchus eutropia
  Coloration
   89-003959
  Flippers
   89-003959
  Life History/General
   89-003960
  Taxonomy
   89-003959
Cephalorhynchus heavisidii
  Coloration
   89-003961
  Morphology
   89-003905
Cephalorhynchus hectori
  Distribution/New Zealand
   89-003920
   89-003936
  Life History/General
   89-004029
  Status/New Zealand
   89-003920
   89-003936
   89-004029
  Vocalization
   89-003937
Ceratotherium simum
  Propagation
   89-004201
  Sperm Preservation
   89-004201
Ceratotherium simum simum
  Management/South Africa
   89-004169
  Population Ecology
   89-004169
  Status/South Africa
   89-004169
Cercopithecus
  Reproduction
   89-004272
Cercopithecus aethiops
  Foods/Feeding
   89-004259
  Social Behavior
   89-004259
Cercopithecus pygerythrus
  Reproduction
   89-004250
Cerdocyon thous
  Leishmaniasis
   89-003687

...CONTINUED...
Cerdocyon thous
  Parasites/Diseases
   89-003687
  Protozoan Diseases
   89-003687
Cervidae
  Anesthetics
   89-004089
  Antlers
   89-004061
   89-004067
   89-004094
  Captive Animal Care
   89-004061
   89-004067
  Capturing Methods
   89-004063
   89-004085
  Catarrhal Fever
   89-004069
   89-004087
  Commercial Enterprises
   89-004059
   89-004061
   89-004064
   89-004067
   89-004079
   89-004086
   89-004090
  Diagnostic Techniques
   89-004065
  Equipment
   89-004063
  Game Farms
   89-004059
   89-004062
   89-004064
   89-004065
   89-004068
   89-004069
   89-004070
   89-004077
   89-004078
   89-004079
   89-004080
   89-004085
   89-004086
   89-004088
   89-004089
   89-004090
   89-004092
   89-004093
   89-004095
  Genetics
   89-004071
  Growth/Development
   89-004075
   89-004094
  Hematology
   89-004082
   89-004091
  Immobilization
   89-004063
   89-004070
   89-004073
   89-004089
  Life History/General
   89-004079
  Metabolism
   89-004075
  Myopathy
   89-004085
  Nutrition
   89-004062
   89-004078
   89-004095

...CONTINUED...

- Cervidae
  - Parasites/Diseases
    - 89-004065
    - 89-004068
    - 89-004069
    - 89-004077
    - 89-004079
    - 89-004080
    - 89-004083
    - 89-004085
    - 89-004087
    - 89-004092
    - 89-004093
  - Pelage
    - 89-004075
  - Reproduction
    - 89-004075
    - 89-004079
    - 89-004088
    - 89-004095
  - Serology
    - 89-004082
    - 89-004083
    - 89-004091
  - Stress
    - 89-004085
  - Trace Elements
    - 89-004078
    - 89-004091
  - Trapping/Handling Mortality
    - 89-004085
  - Viral Diseases
    - 89-004069
    - 89-004087
- Cervus albirostris
  - Distribution/China: Qinghai Province
    - 89-004144
  - Status/China: Qinghai Province
    - 89-004144
- Cervus duvauceli branderi
  - Distribution/India
    - 89-004136
    - 89-004153
  - Life History/General
    - 89-004153
  - Status/India
    - 89-004136
    - 89-004153
- Cervus elaphus
  - Captive Animal Care
    - 89-004157
  - Census/Survey Methods
    - 89-004052
  - Commercial Enterprises
    - 89-004076
  - Computer Use
    - 89-003287
  - Distribution/Australia
    - 89-004072
  - Distribution/Scotland
    - 89-004156
  - Endoparasites
    - 89-004081
  - Estrous Cycle
    - 89-004132
  - Game Farms
    - 89-004060
    - 89-004076
    - 89-004088
  - Habitat Classification
    - 89-003287
  - Hormones
    - 89-004155
  - Life History/General
    - 89-004127

...CONTINUED...

- Cervus elaphus
  - Management/Australia
    - 89-004127
  - Mapping
    - 89-003287
  - Modeling
    - 89-003287
  - Nematodes
    - 89-004128
  - Parasites/Diseases
    - 89-004060
    - 89-004081
    - 89-004128
  - Photoperiodism
    - 89-004155
  - Population Ecology
    - 89-002807
  - Pregnancy
    - 89-004132
  - Remote Sensing
    - 89-003284
  - Reproduction
    - 89-004088
    - 89-004155
  - Status/Australia
    - 89-004127
  - Status/Scotland
    - 89-004156
- Cervus elaphus hanglu
  - Distribution/India
    - 89-004142
  - Life History/General
    - 89-004142
- Cervus elaphus nelsoni
  - Foods/Feeding
    - 89-004084
  - Grasslands
    - 89-004084
  - Grazing
    - 89-004084
  - Rangeland
    - 89-004084
  - Wildlife/Livestock Relationships
    - 89-004084
- Cervus elaphus wallichi
  - Status
    - 89-004125
- Cervus eldi eldi
  - Distribution/India
    - 89-004124
  - Status/India
    - 89-004124
- Cervus nippon hortulorum
  - Head
    - 89-004129
  - Osteology
    - 89-004129
  - Taxonomy
    - 89-004129
- Cervus nippon nippon
  - Head
    - 89-004129
  - Osteology
    - 89-004129
  - Taxonomy
    - 89-004129
- Cervus nippon yesoensis
  - Agricultural Crops
    - 89-004137
  - Damage by Wildlife
    - 89-004137
- Cervus timorensis
  - Commercial Enterprises
    - 89-004076
  - Distribution/Australia
    - 89-004072

...CONTINUED...

- Cervus timorensis
  - Distribution/Australia: New South Wales
    - 89-004134
  - Endoparasites
    - 89-004081
  - Feral Animals
    - 89-004134
  - Game Farms
    - 89-004060
    - 89-004076
  - Life History/General
    - 89-004066
    - 89-004134
  - Management/Australia
    - 89-004066
  - Parasites/Diseases
    - 89-004060
    - 89-004081
- Cervus unicolor
  - Distribution/Australia
    - 89-004072
    - 89-004147
  - Distribution/Australia: Victoria
    - 89-004154
  - Distribution/New Zealand
    - 89-004147
  - Endoparasites
    - 89-004081
  - Game Farms
    - 89-004060
  - Life History/General
    - 89-004118
    - 89-004154
  - Parasites/Diseases
    - 89-004060
    - 89-004081
    - 89-004147
  - Status/Australia: Victoria
    - 89-004154
- Cetaceans
  - Aerial Surveys
    - 89-003963
  - Census/Survey Methods
    - 89-003930
    - 89-003963
    - 89-003979
    - 89-003980
  - Chlorinated Hydrocarbons
    - 89-003313
  - Distribution/Arctic Ocean
    - 89-003902
  - Distribution/Bering Sea
    - 89-003902
  - Heavy Metals
    - 89-003313
  - Ice
    - 89-003902
  - Life History/General
    - 89-003994
  - Mercury
    - 89-003313
  - Modeling
    - 89-003989
  - Population Ecology
    - 89-003909
    - 89-003988
    - 89-003989
  - Status/Australia: Tasmania
    - 89-004008
  - Status/Chile
    - 89-003994
  - Strandings
    - 89-003971
    - 89-004008
  - Transect Surveys
    - 89-003980
- Choeropsis liberiensis
  - Captive Animal Care
    - 89-003282
  - Zoos
    - 89-003282
- Choloepus
  - Calculi
    - 89-004304
  - Parasites/Diseases
    - 89-004304
- Choloepus hoffmanni
  - Captive Animal Care
    - 89-004301
  - Parturition
    - 89-004301
- Clethrionomys glareolus
  - Breeding
    - 89-003669
  - Dispersal
    - 89-003600
  - Foods/Feeding
    - 89-003668
  - Forests
    - 89-003584
  - Habitat Surveys
    - 89-003600
  - Habitat Use
    - 89-003584
    - 89-003609
    - 89-003667
  - Home Range/Territory
    - 89-003584
  - Islands
    - 89-003609
  - Population Ecology
    - 89-003600
    - 89-003609
    - 89-003668
    - 89-003669
  - Predator/Prey Relationships
    - 89-003667
  - Social Behavior
    - 89-003669
  - Urban Habitat
    - 89-003600
- Clethrionomys rufocanus bedfordiae
  - Habitat Use
    - 89-003620
    - 89-003639
  - Movements
    - 89-003639
  - Nocturnal Activities
    - 89-003639
  - Social Behavior
    - 89-003620
- Connochaetes taurinus
  - Distribution/Botswana
    - 89-004208
  - Migration/Botswana
    - 89-004208
  - Mortality
    - 89-004207
- Cricetidae
  - Population Ecology
    - 89-003517
  - Predator/Prey Relationships
    - 89-003517
- Crocidura russula
  - Body Temperature
    - 89-003380
  - Genetics
    - 89-003372
  - Metabolism
    - 89-003380
  - Oxygen
    - 89-003380

...CONTINUED...
- Crocidura russula
  - Taxonomy
    - 89-003372
  - Temperature Relationships
    - 89-003380
- Crocidura suaveolens
  - Age/Sex Ratios
    - 89-003386
  - Aging
    - 89-003386
  - Genetics
    - 89-003372
  - Population Ecology
    - 89-003386
  - Sexing
    - 89-003386
  - Taxonomy
    - 89-003372
- Crocuta crocuta
  - Desert Habitat
    - 89-003889
  - Digestion
    - 89-002925
  - Food Consumption
    - 89-003889
  - Foods/Feeding
    - 89-002925
    - 89-003889
- Ctenomys d'orbignyi
  - Distribution/Argentina
    - 89-003595
  - Taxonomy
    - 89-003595
  - Zoogeography
    - 89-003595
- Ctenomys talarum
  - Habitat Use
    - 89-003590
  - Home Range/Territory
    - 89-003590
  - Population Ecology
    - 89-003590
- Cynomys ludovicianus
  - Eutrophication
    - 89-003529
  - Foods/Feeding
    - 89-003530
  - Grasslands
    - 89-003529
  - Social Behavior
    - 89-003530
  - Wildlife/Habitat Relationships
    - 89-003529
- Cynopterus brachyotis
  - Metabolism
    - 89-003425
  - Temperature Relationships
    - 89-003425
- Dama dama
  - Adrenal Gland
    - 89-004119
  - Antlers
    - 89-004130
  - Artificial Insemination
    - 89-004121
  - Census/Survey Methods
    - 89-004052
  - Commercial Enterprises
    - 89-004076
  - Distribution/Australia
    - 89-004072
  - Distribution/Netherlands
    - 89-004141
  - Endoparasites
    - 89-004081
  - Feet
    - 89-004140

...CONTINUED...
- Dama dama
  - Game Farms
    - 89-004060
    - 89-004076
    - 89-004088
    - 89-004121
    - 89-004126
    - 89-004146
  - Genetics
    - 89-004148
  - Heart
    - 89-004148
  - Hematology
    - 89-004148
  - History/Netherlands
    - 89-004141
  - Hormones
    - 89-004119
    - 89-004120
  - Kidneys
    - 89-004148
  - Life History/General
    - 89-004126
  - Liver
    - 89-004148
  - Male Reproductive Organs
    - 89-004130
  - Management/Australia
    - 89-004126
  - Osteology
    - 89-004140
  - Parasites/Diseases
    - 89-004060
    - 89-004081
  - Pituitary Gland
    - 89-004120
  - Propagation
    - 89-004121
  - Reproduction
    - 89-004088
    - 89-004119
    - 89-004120
    - 89-004146
  - Sperm
    - 89-004130
  - Status/Netherlands
    - 89-004141
  - Testicular Cycle
    - 89-004130
- Damaliscus dorcas dorcas
  - Captive Animal Care
    - 89-004192
  - Propagation
    - 89-004192
  - Zoos
    - 89-004192
- Daptomys
  - Evolution
    - 89-003526
  - Life History/General
    - 89-003526
  - Morphology
    - 89-003526
  - Taxonomy
    - 89-003526
- Dasypus kappleri
  - Foods/Feeding
    - 89-004305
- Dasypus novemcinctus
  - Distribution/South Carolina
    - 89-004300
  - Leishmaniasis
    - 89-003330
    - 89-003331
  - Parasites/Diseases
    - 89-003330

...CONTINUED...
Dasypus novemcinctus
  Parasites/Diseases
    89-003331
  Protozoan Diseases
    89-003330
    89-003331
  Treatment
    89-003331
Daubentonia madagascariensis
  Chromosomes
    89-004279
  Foods/Feeding
    89-004242
  Genetics
    89-004279
Delphinapterus leucas
  Aerial Census
    89-003904
  Aerial Surveys
    89-003904
  Census/Survey Methods
    89-003904
Delphinus delphis
  Census/Survey Methods
    89-003915
  Commercial Fishing
    89-003965
    89-004041
  Distribution/Pacific Ocean
    89-003915
  Fish Nets
    89-003965
    89-004041
  Food Supply
    89-003915
  Mortality
    89-003965
    89-004041
Desmodus rotundus
  Pineal Gland
    89-003397
Dicerorhinus sumatrensis
  Distribution
    89-004179
  Endangered/Threatened Species
    89-004179
  Zoos
    89-004179
Diceros bicornis
  Propagation
    89-004201
  Sperm Preservation
    89-004201
Diceros bicornis minor
  Management/South Africa
    89-004169
  Population Ecology
    89-004169
  Status/South Africa
    89-004169
Didelphis albiventris
  Captive Animal Care
    89-003361
  Leishmaniasis
    89-003365
  Parasites/Diseases
    89-003347
    89-003361
    89-003365
  Protozoan Diseases
    89-003347
    89-003361
    89-003365
  Trypanosomes
    89-003347
    89-003361
Didelphis marsupialis
  Parasites/Diseases
    89-003350
    89-003351
    89-003356
    89-003357
    89-003367
  Protozoan Diseases
    89-003350
    89-003351
    89-003356
    89-003357
    89-003367
  Trypanosomes
    89-003350
    89-003351
    89-003356
    89-003357
    89-003367
Didelphis virginiana
  Hormones
    89-003360
  Leishmaniasis
    89-003330
    89-003331
    89-003370
  Parasites/Diseases
    89-003330
    89-003331
    89-003370
  Protozoan Diseases
    89-003330
    89-003331
    89-003370
  Sexual Dimorphism
    89-003360
  Treatment
    89-003331
    89-003370
Dipodomys merriami
  Desert Habitat
    89-003459
  Dispersal
    89-003615
  Food Supply
    89-003589
  Foods/Feeding
    89-002953
    89-003589
    89-003649
  Habitat Use
    89-003459
    89-003589
    89-003615
  Home Range/Territory
    89-003615
  Learning
    89-003649
  Life History/General
    89-003459
  Movements
    89-003615
    89-003649
  Nocturnal Activities
    89-003615
  Predator/Prey Relationships
    89-002953
  Predators
    89-002953
Dipodomys spectabilis
  Desert Habitat
    89-003630
  Foods/Feeding
    89-003607
  Grasslands
    89-003630

...CONTINUED...
Dipodomys spectabilis
Habitat Surveys
89-003630
Water Metabolism
89-003607
Water Supply
89-003607
Dromiciops australis
Distribution/South America
89-003355
Forests, Tropical
89-003355
Life History/General
89-003355
Dugong dugon
Cyclones
89-004001
Distribution/Singapore
89-003922
Life History/General
89-003922
Strandings
89-004001
Weather
89-004001
Wind
89-004001
Elaphodus cephalophus cephalophus
Captive Animal Care
89-004150
Elephantulus edwardi
Digestion
89-003387
Foods/Feeding
89-003387
Elephas maximus
Distribution/India
89-004296
Life History/General
89-004296
Reproduction
89-004296
Eliomys quercinus
Distribution/Czechoslovakia
89-003582
Life History/General
89-003582
Paleobiology
89-003612
Eliomys quercinus lusitanicus
Distribution/Spain
89-003631
Reproduction
89-003631
Enhydra lutris
Breeding
89-003825
Growth/Development
89-003825
Migration
89-003825
Modeling
89-003314
Movements
89-003825
Oil Pollution
89-003314
Population Ecology
89-003314
Eonycteris spelaea
Metabolism
89-003425
Temperature Relationships
89-003425
Eptesicus fuscus
Care/Rearing of Young
89-003398

...CONTINUED...
Eptesicus fuscus
Electronic Equipment
89-003393
Foods/Feeding
89-003398
Habitat Use
89-003398
Marking
89-003393
Telemetry
89-003393
Eptesicus melckorum
Taxonomy
89-003434
Equus asinus
Habitat Classification
89-004163
Habitat Surveys
89-004163
Hybridization
89-004166
Equus burchelli
Hybridization
89-004166
Equus caballus
Feral Animals
89-004204
89-004205
Habitat Classification
89-004163
Habitat Surveys
89-004163
Management/Georgia
89-004205
Population Ecology
89-004204
Reproduction
89-004204
Social Behavior
89-004204
Equus grevyi
Hematology
89-004197
Equus hemionus khur
Life History/General
89-004161
Status/India
89-004161
Erethizon dorsatum
Predators
89-003799
Status/Kansas
89-003617
Erinaceus albiventris
Habitat Use
89-003381
Habits/Behavior
89-003381
Erinaceus europaeus
Brain
89-003376
Central Nervous System
89-003376
Lungworms
89-003379
Nematodes
89-003379
Parasites/Diseases
89-003379
Erythrocebus patas
Foods/Feeding
89-004259
Social Behavior
89-004259
Eschrichtius robustus
Aerial Census
89-003904

...CONTINUED...

- Eschrichtius robustus
  - Aerial Surveys
    - 89-003904
  - Census/Survey Methods
    - 89-003904
  - Distribution/Chukchi Sea
    - 89-003908
  - Distribution/USSR: Siberia
    - 89-003908
  - Ectoparasites
    - 89-003947
  - Habitat Use
    - 89-003925
  - Migration
    - 89-004017
  - Modeling
    - 89-004017
  - Parasites/Diseases
    - 89-003947
  - Population Ecology
    - 89-004017
  - Skin
    - 89-003947
  - Status/Chukchi Sea
    - 89-003908
    - 89-003925
  - Status/USSR: Siberia
    - 89-003908
- Eumops hansae
  - Distribution/Bolivia
    - 89-003413
  - Range Extension
    - 89-003413
- Euphractus sexcinctus
  - Parasites/Diseases
    - 89-004297
  - Protozoan Diseases
    - 89-004297
  - Trypanosomes
    - 89-004297
- Eutamias
  - Cardiovascular System
    - 89-003537
  - Hibernation
    - 89-003537
  - Predators
    - 89-003823
- Eutamias sibiricus
  - Habitat Use
    - 89-003535
  - Nests/Nesting
    - 89-003535
  - Seasonal Activities
    - 89-003535
- Felidae
  - Habitat Use
    - 89-003865
  - Morphology
    - 89-003865
  - Predator/Prey Relationships
    - 89-003865
  - Sex Ratio
    - 89-003865
- Felis catus
  - Distribution/Indian Ocean
    - 89-003850
  - Feral Animals
    - 89-003845
    - 89-003884
  - Foods/Feeding
    - 89-003850
  - Habitat Use
    - 89-003845
  - Islands
    - 89-003850
  - Life History/General
    - 89-003884

...CONTINUED...

- Felis catus
  - Population Ecology
    - 89-003845
    - 89-003884
  - Predation
    - 89-003333
  - Supplemental Feeding
    - 89-003845
- Felis concolor
  - Distribution/Canada: Ontario
    - 89-003851
- Felis concolor coryi
  - Census/Survey Methods
    - 89-003881
  - Endangered/Threatened Species
    - 89-003836
  - Home Range/Territory
    - 89-003881
  - Management/Florida
    - 89-003836
  - Predation
    - 89-003881
  - Stocking/Transplanting
    - 89-003836
- Felis lynx
  - Food Supply
    - 89-003342
  - Foods/Feeding
    - 89-003673
  - Head
    - 89-003886
  - Osteology
    - 89-003886
  - Overwintering
    - 89-003673
  - Population Ecology
    - 89-003342
  - Predation
    - 89-003342
  - Rainfall
    - 89-003342
- Felis pardina
  - Habitat Use
    - 89-003880
  - Home Range/Territory
    - 89-003880
  - Life History/General
    - 89-003880
- Felis rufus
  - Age Ratio
    - 89-003852
    - 89-003858
  - Aging
    - 89-003873
  - Baits/Attractants
    - 89-003868
  - Census/Survey Methods
    - 89-003840
    - 89-003853
    - 89-003857
    - 89-003868
    - 89-003878
  - Cestodes
    - 89-003875
  - Dens
    - 89-003835
  - Density
    - 89-003870
    - 89-003878
  - Desert Habitat
    - 89-003671
  - Distribution/Georgia
    - 89-003857
  - Distribution/Minnesota
    - 89-003837
    - 89-003855

...CONTINUED...

- Felis rufus
  - Environmental Factors
    - 89-003869
  - Food Habits Studies
    - 89-003861
  - Food Supply
    - 89-003870
  - Foods/Feeding
    - 89-003835
    - 89-003841
  - Habitat Use
    - 89-003854
  - Harvest/Hunting Statistics
    - 89-003848
    - 89-003853
    - 89-003855
    - 89-003862
    - 89-003867
    - 89-003885
  - Home Range/Territory
    - 89-003843
    - 89-003870
    - 89-003876
  - Hunting/Anti-hunting
    - 89-003870
  - Life History/General
    - 89-003671
    - 89-003837
    - 89-003839
    - 89-003847
  - Management
    - 89-003839
    - 89-003847
  - Management/Maine
    - 89-003856
  - Management/Minnesota
    - 89-003855
  - Management/South Dakota
    - 89-003848
  - Management/Utah
    - 89-003864
  - Metabolism
    - 89-003874
  - Modeling
    - 89-003852
  - Movements
    - 89-003841
  - Nematodes
    - 89-003875
  - Overwintering
    - 89-003870
  - Parasites/Diseases
    - 89-003875
  - Population Ecology
    - 89-003835
    - 89-003838
    - 89-003841
    - 89-003852
    - 89-003854
    - 89-003858
    - 89-003862
    - 89-003864
    - 89-003870
    - 89-003876
  - Reproduction
    - 89-003858
  - Seasonal Activities
    - 89-003843
    - 89-003869
  - Status/California
    - 89-003853
  - Status/Florida
    - 89-003840
  - Status/Kansas
    - 89-003862
  - Status/Michigan
    - 89-003885

...CONTINUED...

- Felis rufus
  - Status/North Carolina
    - 89-003854
  - Status/Tennessee
    - 89-003878
  - Status/Texas
    - 89-003838
  - Status/Wisconsin
    - 89-003867
  - Temperature Relationships
    - 89-003874
- Felis rufus baileyi
  - Density
    - 89-003887
  - Habitat Use
    - 89-003887
  - Home Range/Territory
    - 89-003887
  - Population Ecology
    - 89-003887
- Felis rufus californicus
  - Population Ecology
    - 89-003872
- Felis rufus pallascens
  - Density
    - 89-003887
  - Habitat Use
    - 89-003887
  - Home Range/Territory
    - 89-003887
  - Population Ecology
    - 89-003887
- Felis rufus rufus
  - Distribution/Tennessee
    - 89-003844
  - Foods/Feeding
    - 89-003844
    - 89-003866
  - Head
    - 89-003882
  - Home Range/Territory
    - 89-003866
  - Osteology
    - 89-003882
  - Taxonomy
    - 89-003882
- Felis silvestris
  - Home Range/Territory
    - 89-003849
  - Movements
    - 89-003849
- Feresa attenuata
  - Distribution/Indian Ocean
    - 89-003993
  - Status/Indian Ocean
    - 89-003993
- Fur Animals
  - Census/Survey Methods
    - 89-003438
  - Economic Value
    - 89-003439
  - Hunting/Anti-hunting
    - 89-003439
  - Traps/Trapping
    - 89-003438
    - 89-003439
- Galago crassicaudatus crassicaudatus
  - Embryology
    - 89-004295
  - Reproduction
    - 89-004295
- Galago senegalensis
  - Foods/Feeding
    - 89-004260
  - Habitat Use
    - 89-004260

...CONTINUED...
Galago senegalensis
  Secondary Substances
    89-004260
Galea musteloides
  Habits/Behavior
    89-003633
  Thermoregulation
    89-003633
Galemys pyrenaicus
  Foods/Feeding
    89-003383
Gazella dorcas
  Amyloidosis
    89-004198
  Parasites/Diseases
    89-004198
Gazella gazella
  Distribution/Israel
    89-004202
  Life History/General
    89-004202
Gazella thomsoni
  Interspecies Relationships
    89-003311
  Migration
    89-003311
  Predator/Prey Relationships
    89-003311
  Rainfall
    89-003311
Geomys bursarius
  Prairies
    89-003191
  Wildlife/Habitat Relationships
    89-003191
    89-003613
Gerbillus andersoni
  Taxonomy
    89-003663
  Teeth
    89-003663
Gerbillus gerbillus
  Leishmaniasis
    89-003498
  Parasites/Diseases
    89-003498
  Protozoan Diseases
    89-003498
  Taxonomy
    89-003663
  Teeth
    89-003663
Gerbillus pyramidum
  Leishmaniasis
    89-003498
  Parasites/Diseases
    89-003498
  Protozoan Diseases
    89-003498
Glis glis
  Distribution/Czechoslovakia
    89-003582
  Life History/General
    89-003582
  Paleobiology
    89-003612
Glischropus tylopus
  Chromosomes
    89-003436
  Genetics
    89-003436
Globicephala melaena
  Age/Sex Ratios
    89-003906
    89-003929
  Aging
    89-003999

...CONTINUED...
Globicephala melaena
  Body Fat
    89-003998
  Census/Survey Methods
    89-004023
  Distribution/Faeroe Islands
    89-003906
  Distribution/Great Britain
    89-003945
    89-003983
  Distribution/Indian Ocean
    89-003993
  Distribution/Ireland
    89-003945
    89-003983
  Distribution/South America
    89-003956
  Electrophoresis
    89-004032
  Embryology
    89-004002
  Genetics
    89-003893
    89-004032
  Growth/Development
    89-004002
  Harvest/Hunting Statistics
    89-003983
  Hematology
    89-003896
  Karyotypes
    89-003893
  Life History/General
    89-003907
  Morphology
    89-003998
  Population Ecology
    89-003894
    89-003896
  Reproduction
    89-004002
  Sex Ratio
    89-003907
  Sexual Maturity
    89-003929
  Status/Faeroe Islands
    89-003894
    89-003906
  Status/France
    89-003929
  Status/Great Britain
    89-003945
    89-003983
  Status/Indian Ocean
    89-003993
  Status/Ireland
    89-003945
    89-003983
  Strandings
    89-003983
Globicephala sieboldii
  Harvest/Hunting Statistics
    89-004018
Gorilla gorilla beringei
  Infanticide
    89-004290
Gorilla gorilla gorilla
  Distribution/Central African Republic
    89-004221
  Genetics
    89-004249
  Management/Central African Republic
    89-004221
  Population Ecology
    89-004249

...CONTINUED...
Gorilla gorilla gorilla
Status/Central African Republic
89-004221
Gracilinanus
New Genus
89-003348
Grampus griseus
Distribution/Indian Ocean
89-003986
Status/Indian Ocean
89-003986
Gulo gulo
Head
89-003833
Osteology
89-003833
Productivity
89-003800
Reproduction
89-003800
Survival
89-003800
Haplonycteris fischeri
Embryology
89-003410
Growth/Development
89-003410
Reproduction
89-003410
Herpestes sanguineus
Foods/Feeding
89-002933
Interspecies Relationships
89-002933
Heterocephalus glaber
Ovulation
89-003603
Reproduction
89-003603
Hippopotamus amphibius
Agricultural Crops
89-004195
Damage by Wildlife
89-004195
Distribution/Zambia
89-004191
Management/South Africa
89-003279
Parasites/Diseases
89-004185
Population Control
89-003279
Population Ecology
89-003279
Schistosomiasis
89-004185
Status/Zambia
89-004191
Trematodes
89-004185
Hipposideros ater
Interspecies Relationships
89-003414
Hipposideros caffer
Distribution/Morocco
89-003391
Status/Morocco
89-003391
Hipposideros galeritus
Metabolism
89-003425
Temperature Relationships
89-003425
Hippotragus equinus
Catarrhal Fever
89-004176

...CONTINUED...
Hippotragus equinus
Parasites/Diseases
89-004176
Viral Diseases
89-004176
Zoos
89-004176
Hyaena hyaena
Desert Habitat
89-003890
Habitat Use
89-003890
Hylobates hoolock
Life History/General
89-004210
Status/India
89-004210
Hylobates muelleri
Food Supply
89-004275
Life History/General
89-004275
Social Behavior
89-004275
Hystrix cristata
Individual Recognition
89-003643
Marking
89-003643
Hystrix indica
Habits/Behavior
89-003581
Mating
89-003653
Monogamy
89-003653
Nocturnal Activities
89-003581
Ichthyomys
Evolution
89-003526
Life History/General
89-003526
Morphology
89-003526
Taxonomy
89-003526
Isoodon macrourus
Male Reproductive Organs
89-003369
Kogia simus
Coastal Habitat
89-004034
Status/Japan
89-004034
Teeth
89-004034
Lagenodelphis hosei
Commercial Fishing
89-004041
Fish Nets
89-004041
Mortality
89-004041
Lagenorhynchus australis
Fish Nets
89-003955
Harvest/Hunting Statistics
89-003955
Mortality
89-003955
Lagenorhynchus obscurus
Harvest/Hunting Statistics
89-003951
Life History/General
89-003951

Lagurus curtatus
Care/Rearing of Young
89-003611
Lamottemys okuensis
Taxonomy
89-003601
Lemur catta
Arboreal Behavior
89-004229
Home Range/Territory
89-004256
Locomotion
89-004229
Olfactory Sense
89-004256
Scent Marking
89-004256
Leptonychotes weddelli
Census/Survey Methods
89-003944
Diurnal Rhythm
89-003944
Modeling
89-003944
Lepus
Predators
89-002960
Lepus americanus
Damage by Wildlife
89-003445
Foods/Feeding
89-003445
Forestry Practices
89-003445
Forests, Coniferous
89-003445
Population Ecology
89-003342
89-003445
89-003448
Predators
89-003342
89-003799
Lepus californicus
Population Ecology
89-003448
Lepus capensis
Aflatoxicosis
89-003444
Fungal Diseases
89-003444
Hormones
89-002924
Iodine
89-002924
Parasites/Diseases
89-003444
Population Ecology
89-002807
Thyroid Gland
89-002924
Lipotes vexillifer
Endangered/Threatened Species
89-003921
Status/China
89-003921
Lobodon carcinophagus
Care/Rearing of Young
89-004025
Census/Survey Methods
89-003944
Diurnal Rhythm
89-003944
Growth/Development
89-004025
Modeling
89-003944

...CONTINUED...
Lobodon carcinophagus
Nursing
89-004025
Reproduction
89-004025
Loxodonta africana
Distribution/South Africa
89-004299
Foods/Feeding
89-004302
Habitat Surveys
89-004299
Habitat Use
89-004302
Management/South Africa
89-003279
Modeling
89-004298
Mortality
89-004299
Population Control
89-003279
Population Ecology
89-003279
89-004298
Productivity
89-004298
Reproduction
89-004298
Wildlife/Habitat Relationships
89-004299
89-004302
89-004303
Lutra lutra
Aluminum
89-003321
Cadmium
89-003321
Captive Animal Care
89-003815
Cesium
89-003322
Chlorinated Hydrocarbons
89-003322
Copper
89-003321
Distribution/Finland
89-003827
Habits/Behavior
89-003815
Heavy Metals
89-003321
89-003322
Iron
89-003321
Lead
89-003321
Mercury
89-003321
Polychlorinated Biphenyls
89-003322
Status/Finland
89-003827
Zinc
89-003321
Lutra lutra angustifrons
Distribution/Morocco
89-003805
Life History/General
89-003805
Status/Morocco
89-003805
Lutreolina crassicaudata
Parasites/Diseases
89-003368
Protozoan Diseases
89-003368

...CONTINUED...
Lutreolina crassicaudata
  Trypanosomes
    89-003368
Macaca arctoides
  Olfactory Sense
    89-004226
  Urine
    89-004226
Macaca fascicularis
  Electronic Equipment
    89-004287
  Embryology
    89-004287
  Food Supply
    89-004275
  Gestation
    89-004287
  Growth/Development
    89-004287
  Life History/General
    89-004275
  Social Behavior
    89-004275
Macaca fuscata
  Foods/Feeding
    89-004258
  Habitat Surveys
    89-004258
  Habitat Use
    89-004258
  Vocalization
    89-004254
Macaca fuscata fuscata
  Foods/Feeding
    89-004240
  Helminths
    89-004241
  Parasites/Diseases
    89-004241
  Social Behavior
    89-004240
Macaca mulatta
  Electronic Equipment
    89-004287
  Embryology
    89-004287
  Genetics
    89-004255
  Gestation
    89-004287
  Growth/Development
    89-004287
  Hormones
    89-004251
  Life History/General
    89-004269
  Male Reproductive Organs
    89-004251
  Social Behavior
    89-004269
  Testes
    89-004251
Macaca nemestrina
  Olfactory Sense
    89-004226
  Urine
    89-004226
Macaca silenus
  Reproduction
    89-004247
  Zoos
    89-004247
Macaca sinica
  Food Supply
    89-004228
  Intraspecies Relationships
    89-004228

...CONTINUED...
Macaca sinica
  Social Behavior
    89-004228
Macroderma gigas
  Interspecies Relationships
    89-003414
Macropus eugenii
  Hormones
    89-003360
  Sexual Dimorphism
    89-003360
Macropus fuliginosus melanops
  Parasites/Diseases
    89-003346
  Protozoan Diseases
    89-003346
  Toxoplasmosis
    89-003346
Macropus rufogriseus banksianus
  Intraspecies Relationships
    89-003353
  Mortality
    89-003352
  Social Behavior
    89-003353
Macropus rufogriseus rufogriseus
  Reproduction
    89-003344
Macropus rufus
  Myopathy
    89-003364
  Parasites/Diseases
    89-003364
  Trapping/Handling Mortality
    89-003364
Mammals, Marine
  Chlorinated Hydrocarbons
    89-003317
  Diving
    89-003984
  Hunting/Anti-hunting
    89-003966
  Polychlorinated Biphenyls
    89-003317
  Respiration
    89-003984
Marmota bobak
  Auditory Sense
    89-003539
  Habits/Behavior
    89-003539
Marmota flaviventris
  Food Supply
    89-003527
  Habitat Use
    89-003527
  Social Behavior
    89-003527
Marmota marmota
  Body Temperature
    89-003546
  Habitat Use
    89-003546
  Thermoregulation
    89-003546
Marmota monax
  Habitat Use
    89-003540
  Habits/Behavior
    89-003540
Marsupials
  DNA
    89-003366
  Genetics
    89-003366
  Head
    89-003366

...CONTINUED...
Marsupials
  Taxonomy
    89-003366
  Teeth
    89-003366
Martes americana
  Body Fat
    89-003806
  Habitat Use
    89-003808
    89-003823
  Home Range/Territory
    89-003823
  Movements
    89-003823
  Overwintering
    89-003808
  Predation
    89-003823
  Resting Sites
    89-003808
  Telemetry
    89-003823
  Winter
    89-003806
Martes foina
  Foods/Feeding
    89-003826
Martes pennanti
  Foods/Feeding
    89-003799
  Habitat Use
    89-003799
  Home Range/Territory
    89-003799
  Movements
    89-003799
  Predation
    89-003799
  Telemetry
    89-003799
Massoutiera mzabi
  Climate
    89-003608
  Habitat Use
    89-003608
  Rainfall
    89-003608
Megaptera novaeangliae
  Biopsy
    89-003987
  Courtship Behavior
    89-003923
  Diving
    89-003923
  Genetics
    89-003987
  Harvest/Hunting Statistics
    89-004027
  Management/Australia: Queensland
    89-004013
  Sexing
    89-003987
  Status/Australia: Queensland
    89-004013
  Vocalization
    89-003923
    89-003962
  Whaling
    89-004027
Meles meles
  Abnormalities
    89-003813
  Aggressive Behavior
    89-003821
  Burrows
    89-003803

...CONTINUED...
Meles meles
  Dentition
    89-003813
  Dispersal
    89-003810
  Foods/Feeding
    89-003821
  Home Range/Territory
    89-003810
  Movements
    89-003810
  Population Ecology
    89-003810
  Sexual Dimorphism
    89-003821
  Teeth
    89-003821
  Telemetry
    89-003810
  Wildlife/Habitat Relationships
    89-003803
Mellivora capensis
  Foods/Feeding
    89-002933
  Interspecies Relationships
    89-002933
Melomys lorentzi
  Foods/Feeding
    89-003627
  Habitat Use
    89-003627
  Population Ecology
    89-003627
  Reproduction
    89-003627
Melomys rufescens
  Foods/Feeding
    89-003627
  Habitat Use
    89-003627
  Population Ecology
    89-003627
  Reproduction
    89-003627
Mephitis mephitis
  Parasites/Diseases
    89-003804
  Predation
    89-002954
  Rabies
    89-003804
  Transmission of Disease
    89-003804
  Viral Diseases
    89-003804
Meriones crassus
  Control
    89-003580
  Damage by Wildlife
    89-003580
  Fumigants
    89-003580
  Phosphine
    89-003580
Meriones hurrianae
  Agricultural Crops
    89-003515
  Baits/Attractants
    89-003645
  Control
    89-003515
    89-003645
  Damage by Wildlife
    89-003515
    89-003645
  Foods/Feeding
    89-003645

...CONTINUED...
Meriones hurrianae
Urine
89-003645
Zinc Phosphide
89-003515
89-003645
Meriones libycus
Social Behavior
89-003593
Meriones meridianus
Genetics
89-003622
Karyotypes
89-003622
Meriones shawi
Leishmaniasis
89-003498
Parasites/Diseases
89-003498
Protozoan Diseases
89-003498
Meriones unguiculatus
Foods/Feeding
89-003659
Learning
89-003659
Predator/Prey Relationships
89-003659
Microcebus murinus
Home Range/Territory
89-004264
Nocturnal Activities
89-004264
Social Behavior
89-004264
Microtus arvalis
Growth/Development
89-003657
Proteins
89-003657
Reproduction
89-003657
Microtus montanus
Predators
89-003823
Microtus montebelli
Head
89-003616
Osteology
89-003616
Teeth
89-003616
Zoogeography
89-003616
Microtus ochrogaster
Albinism
89-003606
Hormones
89-003592
Intraspecies Relationships
89-003635
Mating
89-003592
Olfactory Sense
89-003635
Pair Formation
89-003592
Prairies
89-003191
Social Behavior
89-003592
Wildlife/Habitat Relationships
89-003191
Microtus pennsylvanicus
Breeding
89-003602

...CONTINUED...
Microtus pennsylvanicus
Population Ecology
89-003602
89-003628
Predator/Prey Relationships
89-002955
Predators
89-002955
Productivity
89-003602
Reproduction
89-003628
Social Behavior
89-003604
Miniopterus schreibersi
Caves
89-003430
Habitat Use
89-003430
Interspecies Relationships
89-003414
Male Reproductive Organs
89-003396
Status/Spain
89-003430
Mirounga leonina
Electrophoresis
89-003950
Genetics
89-003950
Hematology
89-003950
Islands
89-003950
Molossus ater
Distribution/Argentina
89-003402
Monodelphis domestica
Embryology
89-003343
Growth/Development
89-003343
Moschus chrysogaster
Life History/General
89-004174
Management/Asia: Himalaya
Mountain Region
89-004174
Management/India
89-004174
Muntiacus
Karyotypes
89-004152
Taxonomy
89-004152
Muntiacus muntjak vaginalis
Distribution/India
89-004131
Status/India
89-004131
Mus musculus
Agricultural Crops
89-003515
Anticoagulants
89-003486
89-003569
89-003576
Biological Indicators
89-003316
Care/Rearing of Young
89-003571
Control
89-003507
89-003515
89-003522
89-003562

...CONTINUED...
Mus musculus
  Control
    89-003569
    89-003573
    89-003576
    89-003580
    89-003636
  Damage by Wildlife
    89-003486
    89-003507
    89-003515
    89-003522
    89-003562
    89-003569
    89-003573
    89-003576
    89-003580
    89-003636
  Endoparasites
    89-003579
  Flupropadine
    89-003569
  Foods/Feeding
    89-003636
  Fumigants
    89-003580
  Genetics
    89-003568
  Hair
    89-003570
  Hypothermia
    89-003571
  Leishmaniasis
    89-003498
  Molting
    89-003570
  Parasites/Diseases
    89-003498
    89-003579
  Phosphine
    89-003580
  Poultry
    89-003562
  Protozoan Diseases
    89-003498
  Rice
    89-003486
  Rodenticides
    89-003486
    89-003569
    89-003573
    89-003576
  Temperature Relationships
    89-003568
    89-003571
  Traps/Trapping
    89-003562
    89-003573
  Water Pollution
    89-003316
  Zinc Phosphide
    89-003515
Mustela erminea
  Predation
    89-003333
Mustela nivalis
  Predation
    89-003333
Mustela putorius
  Distribution/Switzerland
    89-003832
  Leishmaniasis
    89-003331
  Parasites/Diseases
    89-003331
  Protozoan Diseases
    89-003331

...CONTINUED...
Mustela putorius
  Treatment
    89-003331
Mustela putorius furo
  Anal Gland
    89-003809
  Distemper
    89-003812
    89-003816
  Encephalitis
    89-003812
  Game Farms
    89-003812
  Head
    89-003820
  Leishmaniasis
    89-003330
  Mating
    89-003824
  Neoplasms
    89-003811
  Osteology
    89-003820
  Parasites/Diseases
    89-003330
    89-003811
    89-003812
    89-003816
  Protozoan Diseases
    89-003330
  Rabies
    89-003816
  Reproduction
    89-003824
  Scent Glands
    89-003809
  Serology
    89-003816
  Vaccination
    89-003816
  Viral Diseases
    89-003812
    89-003816
Mustela vison
  Aleutian Disease
    89-003801
  Body Fat
    89-003818
  Breeding
    89-003818
  Central Nervous System
    89-003819
  Distribution/Ireland
    89-003828
  Eyes
    89-003819
  Feral Animals
    89-003828
  Fertility
    89-003829
  Foods/Feeding
    89-003831
  Game Farms
    89-003817
    89-003818
    89-003830
  Genetics
    89-003817
    89-003830
  Habits/Behavior
    89-003830
  Metabolism
    89-003818
  Parasites/Diseases
    89-003801
  Photoperiodism
    89-003819

...CONTINUED...
- Mustela vison
  - Pineal Gland
    - 89-003819
  - Predation
    - 89-003831
  - Reproduction
    - 89-003819
    - 89-003829
  - Status/Ireland
    - 89-003828
  - Viral Diseases
    - 89-003801
- Mustelidae
  - Genetics
    - 89-003814
  - Sex Ratio
    - 89-003807
  - Traps/Trapping
    - 89-003807
- Myocastor coypus
  - Age Ratio
    - 89-003553
  - Body Fat
    - 89-003553
  - Damage by Wildlife
    - 89-003554
  - Feral Animals
    - 89-003553
  - Population Control
    - 89-003554
  - Reproduction
    - 89-003553
- Myotis daubentoni
  - Distribution/Turkey
    - 89-003390
- Myotis emarginatus
  - Caves
    - 89-003430
  - Habitat Use
    - 89-003430
  - Status/Spain
    - 89-003430
- Myotis grisescens
  - Dieldrin
    - 89-003315
  - Heptachlor
    - 89-003315
- Myotis lucifugus
  - Embryology
    - 89-003400
  - Endocrinology
    - 89-003401
  - Fleas
    - 89-003431
  - Hibernation
    - 89-003401
  - Hormones
    - 89-003401
  - Ovulation
    - 89-003400
    - 89-003401
  - Parasites/Diseases
    - 89-003431
  - Placenta
    - 89-003404
  - Reproduction
    - 89-003401
  - Sperm
    - 89-003411
  - Temperature Relationships
    - 89-003401
- Myotis lucifugus lucifugus
  - Histology
    - 89-003408
  - Lactation
    - 89-003417

...CONTINUED...
- Myotis lucifugus lucifugus
  - Lactation
    - 89-003418
  - Osteology
    - 89-003417
  - Parathyroid Gland
    - 89-003418
  - Pregnancy
    - 89-003417
    - 89-003418
  - Testicular Cycle
    - 89-003408
  - Thyroid Gland
    - 89-003418
- Myotis nattereri
  - Caves
    - 89-003430
  - Habitat Use
    - 89-003430
  - Status/Spain
    - 89-003430
- Nasalis larvatus
  - Life History/General
    - 89-004214
  - Social Behavior
    - 89-004214
- Nectomys squamipes
  - Leishmaniasis
    - 89-003642
  - Parasites/Diseases
    - 89-003642
  - Protozoan Diseases
    - 89-003642
- Neofiber alleni
  - Mites
    - 89-003557
  - Parasites/Diseases
    - 89-003557
- Neotoma albigula
  - Dens
    - 89-003599
  - Foods/Feeding
    - 89-003599
  - Interspecies Relationships
    - 89-003599
- Neotoma devia
  - Dens
    - 89-003599
  - Foods/Feeding
    - 89-003599
  - Interspecies Relationships
    - 89-003599
- Neotoma stephensi
  - Dens
    - 89-003599
  - Foods/Feeding
    - 89-003599
  - Interspecies Relationships
    - 89-003599
- Nesokia indica
  - Breeding
    - 89-003661
  - Hormones
    - 89-003661
  - Testicular Cycle
    - 89-003661
- Neusticomys monticolus
  - Evolution
    - 89-003526
  - Life History/General
    - 89-003526
  - Morphology
    - 89-003526
  - Taxonomy
    - 89-003526
- Noctilio albiventris
  - Sperm
    - 89-003407

Notomys alexis
  Epididymis
    89-003641
  Sperm
    89-003641
Nyctalus noctula
  Vocalization
    89-003437
Nyctereutes procyonoides
  Foods/Feeding
    89-003673
  Game Farms
    89-003684
  Overwintering
    89-003673
  Productivity
    89-003684
  Reproduction
    89-003684
  Social Behavior
    89-003684
Nycteris thebaica
  Distribution/Morocco
    89-003391
  Mating
    89-003422
  Status/Morocco
    89-003391
Nycticebus coucang
  Digestive Rate
    89-004267
  Excretion
    89-004267
  Gestation
    89-004243
  Lactation
    89-004243
  Metabolism
    89-004267
  Reproduction
    89-004243
Ochrotomys nuttalli
  Nest Boxes
    89-003651
  Seasonal Activities
    89-003651
  Swamps
    89-003651
  Wetlands
    89-003651
Odobenus rosmarus
  Distribution/Europe, Southern
    89-004009
  Remote Sensing
    89-003284
Odobenus rosmarus divergens
  Adaptation
    89-004035
  Aerial Census
    89-003954
  Census/Survey Methods
    89-003954
  Hunting/Anti-hunting
    89-003948
  Intraspecies Relationships
    89-004035
  Management
    89-003948
  Oceans
    89-004035
  Social Behavior
    89-004035
  Status/Alaska
    89-003948
  Status/Bering Sea
    89-003948

...CONTINUED...
Odobenus rosmarus divergens
  Status/Chukchi Sea
    89-003954
  Status/USSR
    89-003948
  Tactile Sense
    89-003974
  Telemetry
    89-004035
  Thermoregulation
    89-004035
  Vibrissae
    89-003974
Odocoileus hemionus
  Aerial Census
    89-004096
  Census/Survey Methods
    89-004096
  Computer Use
    89-003287
  Control
    89-004098
  Corridors
    89-004108
  Damage by Wildlife
    89-004098
  Edge Habitat
    89-004108
  Fences
    89-004098
  Habitat Alterations
    89-004108
  Habitat Classification
    89-003287
  Habitat Use
    89-004103
    89-004108
    89-004113
  Habits/Behavior
    89-004117
  Mapping
    89-003287
  Migration
    89-004108
  Modeling
    89-003287
  Movements
    89-004113
  Nurseries
    89-004098
  Off-road Vehicles
    89-004117
  Ornamental Plants
    89-004098
  Rainfall
    89-004113
  Remote Sensing
    89-003284
  Reproduction
    89-004117
  Telemetry
    89-004096
  Water Supply
    89-004113
  Wildlife/Habitat Relationships
    89-004103
Odocoileus hemionus columbianus
  Abnormalities
    89-004112
  Genetics
    89-004112
  Status/Hawaii
    89-004114
Odocoileus hemionus hemionus
  Foods/Feeding
    89-004084

...CONTINUED...
- Odocoileus hemionus hemionus
  - Grasslands
    - 89-004084
  - Grazing
    - 89-004084
  - Habitat Use
    - 89-004109
  - Habits/Behavior
    - 89-004109
  - Rangeland
    - 89-004084
  - Wildlife/Livestock Relationships
    - 89-004084
- Odocoileus virginianus
  - Antlers
    - 89-004101
  - Artificial Insemination
    - 89-004105
  - Biochemistry
    - 89-004100
  - Breeding Season
    - 89-004107
    - 89-004116
  - Captive Animal Care
    - 89-004110
  - Climate
    - 89-004116
  - Distribution/United States, Southeastern
    - 89-004099
  - Edge Habitat
    - 89-004097
  - Food Habits Studies
    - 89-004102
    - 89-004115
  - Game Farms
    - 89-004060
  - Habitat Surveys
    - 89-004099
  - Habitat Use
    - 89-004097
    - 89-004099
  - Hematology
    - 89-004100
  - Modeling
    - 89-004099
  - Morphology
    - 89-004101
  - Nitrogen
    - 89-004074
    - 89-004106
  - Nutrition
    - 89-004074
    - 89-004100
    - 89-004106
  - Overwintering
    - 89-004100
  - Parasites/Diseases
    - 89-004060
  - Predators
    - 89-003680
    - 89-003881
  - Rehabilitation
    - 89-004110
  - Reproduction
    - 89-004107
    - 89-004116
  - Rutting
    - 89-004104
    - 89-004116
  - Stress
    - 89-004116
  - Wildlife/Habitat Relationships
    - 89-004097
  - Zoogeography
    - 89-004101

...CONTINUED...
- Odocoileus virginianus
  - Zoos
    - 89-004104
- Odocoileus virginianus leucurus
  - Management/Oregon
    - 89-004111
  - Management/Washington
    - 89-004111
  - Urban Habitat
    - 89-004111
  - Urbanization
    - 89-004111
- Ondatra zibethicus
  - Anesthetics
    - 89-003551
  - Food Supply
    - 89-003555
  - Foods/Feeding
    - 89-003555
  - Giardiasis
    - 89-003558
  - Halothane
    - 89-003551
  - Immobilization
    - 89-003551
  - Parasites/Diseases
    - 89-003558
  - Predator/Prey Relationships
    - 89-003555
  - Protozoan Diseases
    - 89-003558
  - Transmission of Disease
    - 89-003558
- Onychomys leucogaster
  - Foods/Feeding
    - 89-003659
  - Learning
    - 89-003659
  - Predator/Prey Relationships
    - 89-003659
- Orcinus orca
  - Barnacles
    - 89-004022
  - Distribution/Indian Ocean
    - 89-003993
  - Fish Nets
    - 89-003955
  - Harvest/Hunting Statistics
    - 89-003955
    - 89-004018
  - Hematology
    - 89-003896
  - Hormones
    - 89-004042
  - Individual Recognition
    - 89-003943
    - 89-004000
    - 89-004026
  - Lesions
    - 89-004046
  - Mortality
    - 89-003955
  - Neoplasms
    - 89-004046
  - Parasites/Diseases
    - 89-004022
    - 89-004046
  - Photography
    - 89-003943
    - 89-004000
    - 89-004026
  - Population Ecology
    - 89-003896
  - Pregnancy
    - 89-004042
  - Reproduction
    - 89-004042

...CONTINUED...
Orcinus orca
  Status/Indian Ocean
    89-003993
  Steroids
    89-004042
Orthogeomys grandis alleni
  Lice
    89-003646
  Parasites/Diseases
    89-003646
Orthogeomys grandis felipensis
  Lice
    89-003646
  Parasites/Diseases
    89-003646
Orthogeomys grandis grandis
  Lice
    89-003646
  Parasites/Diseases
    89-003646
Orthogeomys grandis pygacanthus
  Lice
    89-003646
  Parasites/Diseases
    89-003646
Oryctolagus cuniculus
  Fecundity
    89-003447
  Foods/Feeding
    89-003310
    89-003443
  Genetics
    89-003447
  Herbicides
    89-003319
  History/Netherlands
    89-003440
  Interspecies Relationships
    89-003310
  Management/Netherlands
    89-003440
  Monosodium Methanearsonate
    89-003319
  Population Ecology
    89-002807
Oryx leucoryx
  Care/Rearing of Young
    89-004165
  Habits/Behavior
    89-004165
Otaria flavescens
  Breeding
    89-003919
  Care/Rearing of Young
    89-003919
  Coastal Habitat
    89-003919
  Mating
    89-003919
  Parturition
    89-003919
  Population Ecology
    89-003919
Ovibos moschatus
  Remote Sensing
    89-003284
Ovis ammon
  Census/Survey Methods
    89-004052
Ovis aries
  Control
    89-005504
  Feral Animals
    89-005504
  Management/Hawaii
    89-005504

...CONTINUED...
Ovis aries
  Wildlife/Habitat Relationships
    89-005504
Ovis canadensis
  Population Ecology
    89-004172
  Survival
    89-004172
Ovis canadensis canadensis
  Illegal Kill
    89-004181
  Laws/Law Enforcement
    89-004181
  Management/Montana
    89-004181
Ovis canadensis mexicana
  Digestion
    89-004184
  Digestion Studies
    89-004184
  Diurnal Rhythm
    89-004160
  Energy Relationships
    89-004184
  Habits/Behavior
    89-004160
Ovis canadensis nelsoni
  Capturing Methods
    89-004182
  Nets/Netting
    89-004182
Ovis dalli
  Remote Sensing
    89-003284
Ovis musimon
  Control
    89-005504
  Feral Animals
    89-005504
  Food Habits Studies
    89-004178
  Management/Hawaii
    89-005504
  Wildlife/Habitat Relationships
    89-005504
Ovis orientalis
  Breeding Season
    89-004186
  Reproduction
    89-004186
  Testicular Cycle
    89-004186
Ovis orientalis gmelini
  Foods/Feeding
    89-004190
  Grazing
    89-004190
  Life History/General
    89-004190
Pan paniscus
  Habits/Behavior
    89-004219
  Intraspecies Relationships
    89-004292
  Parturition
    89-004219
  Social Behavior
    89-004292
Pan troglodytes
  Captive Animal Care
    89-004236
  Care/Rearing of Young
    89-004261
  Communication
    89-004288
  Displays
    89-004288

...CONTINUED...
Pan troglodytes
Estrous Cycle
89-004236
Foods/Feeding
89-004262
Habits/Behavior
89-004216
Life History/General
89-004262
Social Behavior
89-004261
Tools
89-004216
Zoos
89-004236
Pan troglodytes schweinfurthii
Forests
89-004239
Habitat Use
89-004239
Life History/General
89-004239
Medical Value
89-004239
Panthera leo
Digestion
89-002925
Foods/Feeding
89-002925
Reproduction
89-003877
Reproductive/Growth Regulators
89-003877
Panthera leo persica
Distribution/India
89-003879
Status/India
89-003879
Panthera pardus
Digestion
89-002925
Foods/Feeding
89-002925
Panthera pardus kotiya
Adrenal Gland
89-003842
Male Reproductive Organs
89-003842
Pituitary Gland
89-003842
Sperm
89-003842
Panthera tigris
Helminths
89-003834
Life History/General
89-003871
Neoplasms
89-003859
89-003860
Parasites/Diseases
89-003834
89-003859
89-003860
Panthera uncia
Neoplasms
89-003863
Parasites/Diseases
89-003863
Papio anubis
Management/Nigeria
89-004232
Papio cynocephalus
Agonistic Behavior
89-004266
Growth/Development
89-004211

...CONTINUED...
Papio cynocephalus
Social Behavior
89-004266
Peponocephala electra
Distribution/Africa
89-004014
Distribution/Indian Ocean
89-003993
89-004014
Range Extension
89-004014
Status/Indian Ocean
89-003993
Perognathus amplus
Desert Habitat
89-003459
Foods/Feeding
89-002953
Habitat Use
89-003459
Life History/General
89-003459
Predator/Prey Relationships
89-002953
Predators
89-002953
Perognathus baileyi
Foods/Feeding
89-002953
Predator/Prey Relationships
89-002953
Predators
89-002953
Perognathus intermedius
Foods/Feeding
89-003649
Learning
89-003649
Movements
89-003649
Peromyscus
Nest Boxes
89-002803
Nesting Sites
89-002803
Nests/Nesting
89-002803
Roads
89-002803
Roadsides
89-002803
Peromyscus californicus
Foods/Feeding
89-003659
Learning
89-003659
Predator/Prey Relationships
89-003659
Peromyscus leucopus
Climate
89-003640
Corridors
89-003624
Farmland
89-003624
Foods/Feeding
89-003587
89-003659
Habitat Use
89-003587
89-003605
Learning
89-003659
Light
89-003591
Lyme Disease
89-002951

...CONTINUED...
Peromyscus leucopus
Lyme Disease
89-003650
Magnetic Field
89-003583
Microhabitat
89-003605
Movements
89-003624
Nest Boxes
89-003651
Orientation/Homing
89-003583
Parasites/Diseases
89-002951
89-003650
Photoperiodism
89-003591
Population Ecology
89-003640
Predator/Prey Relationships
89-002955
89-003659
Predators
89-002955
Protozoan Diseases
89-002951
Public Health Problems
89-003650
Seasonal Activities
89-003651
Sexual Maturity
89-003591
Swamps
89-003651
Telemetry
89-003624
Wetlands
89-003651
Zoogeography
89-003591
89-003640
Peromyscus maniculatus
Breeding Season
89-003625
Fires/Burns
89-003618
Fluorescent Markers
89-003619
Foods/Feeding
89-003659
Gestation
89-003629
Growth/Development
89-003629
Habitat Use
89-003618
89-003656
89-003667
Interspecies Relationships
89-003656
Learning
89-003659
Marking
89-003619
Microhabitat
89-003656
Movements
89-003618
Nocturnal Activities
89-003619
Predator/Prey Relationships
89-002955
89-003659
89-003667
Predators
89-002955

...CONTINUED...
Peromyscus maniculatus
Predators
89-003823
Reproduction
89-003625
89-003629
Social Behavior
89-003619
89-003625
Torpor
89-003658
Wildlife/Habitat Relationships
89-003656
Peromyscus stirtoni
Paleobiology
89-003666
Petaurus norfolcensis
Forests
89-003358
Habitat Use
89-003358
Traps/Trapping
89-003358
Wildlife/Habitat Relationships
89-003358
Phacochoerus aethiopicus
Arthropods
89-004180
Helminths
89-004180
Parasites/Diseases
89-004180
Phascolarctos cinereus
Bacterial Diseases
89-003345
Chlamydiosis
89-003345
Diagnostic Techniques
89-003345
Feeding Sites
89-003349
Foods/Feeding
89-003349
Habitat Use
89-003349
Home Range/Territory
89-003349
Parasites/Diseases
89-003345
Phenacomys intermedius
Predators
89-003823
Phoca hispida
Cestodes
89-003891
Parasites/Diseases
89-003891
Trematodes
89-003891
Phoca vitulina
Captive Animal Care
89-004015
Distemper
89-003969
89-003977
Migration/Canada: New Brunswick
89-004020
Migration/United States: New England
89-004020
Parasites/Diseases
89-003969
89-003977
Predator/Prey Relationships
89-004003
Viral Diseases
89-003969

...CONTINUED...
Phoca vitulina
  Viral Diseases
   89-003977
  Zoos
   89-004015
Phocaena obtusata
  Coloration
   89-003959
  Flippers
   89-003959
  Taxonomy
   89-003959
Phocoena dioptrica
  Coloration
   89-003959
  Fish Nets
   89-003955
  Flippers
   89-003959
  Harvest/Hunting Statistics
   89-003955
  Mortality
   89-003955
  Taxonomy
   89-003959
Phocoena phocoena
  Central Nervous System
   89-003901
  Status/Baltic Sea and Area
   89-004028
  Status/Poland
   89-004028
  Tongue
   89-003901
  Vocalization
   89-003946
Phocoena spinipinnis
  Coloration
   89-003959
  Flippers
   89-003959
  Harvest/Hunting Statistics
   89-003951
  Life History/General
   89-003951
  Taxonomy
   89-003959
Phocoenoides dalli
  Distribution/Japan
   89-004004
  Status/Japan
   89-004004
  Vocalization
   89-003946
Phodopus sungorus
  Bioenergetics
   89-003664
Phyllostomus hastatus
  Parasites/Diseases
   89-003423
   89-003427
  Protozoan Diseases
   89-003423
   89-003427
  Trypanosomes
   89-003423
   89-003427
Physeter catodon
  Agonistic Behavior
   89-003927
  Census/Survey Methods
   89-003938
  Distribution/Galapagos Islands
   89-004045
  Foods/Feeding
   89-003926

...CONTINUED...
Physeter catodon
  Harvest/Hunting Statistics
   89-004018
   89-004027
  Hematology
   89-003896
  Intraspecies Relationships
   89-003927
  Modeling
   89-003938
  Physical Condition
   89-003926
  Population Ecology
   89-003896
   89-003938
  Social Behavior
   89-003897
  Whaling
   89-004027
Pinnipeds
  Captive Animal Care
   89-004015
  Distemper
   89-003967
  Genetics
   89-004047
   89-004048
  Parasites/Diseases
   89-003967
  Taxonomy
   89-004047
   89-004048
  Viral Diseases
   89-003967
  Zoos
   89-004015
Pipistrellus ariel
  Distribution/Israel
   89-003424
Pipistrellus capensis notius
  Taxonomy
   89-003434
Pipistrellus kuhli
  Foods/Feeding
   89-003392
  Social Behavior
   89-003392
Pipistrellus pipistrellus
  Altruism
   89-003405
  Bioenergetics
   89-003432
  Metabolism
   89-003432
  Nursing
   89-003405
Pipistrellus ruepelli
  Distribution/Morocco
   89-003391
  Status/Morocco
   89-003391
Platanista gangetica
  Endangered/Threatened Species
   89-003964
  Life History/General
   89-003964
Plecotus auritus
  Bioenergetics
   89-003432
  Metabolism
   89-003432
Plecotus rafinesquii
  Range Extension
   89-003428
  Status/Arkansas
   89-003428

- Pogonomys macrourus
  - Foods/Feeding
    - 89-003627
  - Habitat Use
    - 89-003627
  - Population Ecology
    - 89-003627
  - Reproduction
    - 89-003627
- Pongo pygmaeus abelii
  - Parasites/Diseases
    - 89-004223
  - Viral Diseases
    - 89-004223
- Potamochoerus porcus
  - Captive Animal Care
    - 89-004173
  - Propagation
    - 89-004173
  - Zoos
    - 89-004173
- Potos flavus
  - Leishmaniasis
    - 89-003327
  - Parasites/Diseases
    - 89-003327
  - Protozoan Diseases
    - 89-003327
- Presbytis
  - Distribution/India
    - 89-004277
  - Life History/General
    - 89-004277
  - Status/India
    - 89-004277
- Presbytis entellus
  - Intraspecies Relationships
    - 89-004286
  - Mating
    - 89-004286
- Presbytis francoisi
  - Jaws
    - 89-004265
  - Teeth
    - 89-004265
- Presbytis geei
  - Distribution/India
    - 89-004245
  - Status/India
    - 89-004245
- Presbytis hosei
  - Foods/Feeding
    - 89-002956
  - Predation
    - 89-002956
- Presbytis phayrei
  - Jaws
    - 89-004265
  - Teeth
    - 89-004265
- Primates
  - Adaptation
    - 89-004233
  - Artificial Insemination
    - 89-004212
    - 89-004293
  - Captive Animal Care
    - 89-004215
    - 89-004224
    - 89-004237
    - 89-004244
    - 89-004252
  - Chromosomes
    - 89-004230
    - 89-004231
  - Endangered/Threatened Species
    - 89-004212

...CONTINUED...

- Primates
  - Endangered/Threatened Species
    - 89-004281
    - 89-004282
    - 89-004285
    - 89-004293
  - Evolution
    - 89-004230
    - 89-004233
  - Genetics
    - 89-004255
  - Habitat Use
    - 89-004213
  - Life History/General
    - 89-004233
  - Life Tables
    - 89-004234
  - Management
    - 89-004281
  - Mating
    - 89-004227
  - Nematodes
    - 89-004273
  - Parasites/Diseases
    - 89-004237
    - 89-004244
    - 89-004248
    - 89-004273
  - Play Behavior
    - 89-004253
  - Population Ecology
    - 89-004234
  - Propagation
    - 89-004212
    - 89-004252
    - 89-004282
    - 89-004285
    - 89-004293
  - Rehabilitation
    - 89-004213
  - Reproduction
    - 89-004215
  - Sexual Dimorphism
    - 89-004270
  - Social Behavior
    - 89-004253
  - Sperm
    - 89-004282
  - Teeth
    - 89-004270
  - Viral Diseases
    - 89-004248
  - Zoos
    - 89-004224
    - 89-004244
    - 89-004252
    - 89-004281
    - 89-004285
- Procyon lotor
  - Antibodies
    - 89-003789
  - Highway Mortality
    - 89-003794
  - Hunting/Anti-hunting
    - 89-003794
  - Mortality
    - 89-003794
  - Panleukopenia
    - 89-003789
    - 89-003791
  - Parasites/Diseases
    - 89-003789
    - 89-003791
    - 89-003792
    - 89-003793
  - Parvovirus
    - 89-003792

...CONTINUED...

- Procyon lotor
  - Population Ecology
    - 89-003794
    - 89-003798
  - Predators
    - 89-003881
  - Rabies
    - 89-003793
  - Rehabilitation
    - 89-003795
    - 89-003797
  - Stocking/Transplanting
    - 89-003797
  - Telemetry
    - 89-003794
  - Vaccination
    - 89-003789
    - 89-003791
    - 89-003793
  - Viral Diseases
    - 89-003792
    - 89-003793
- Procyon lotor maritimus
  - Taxonomy
    - 89-003790
- Promops centralis
  - Distribution/Bolivia
    - 89-003413
  - Range Extension
    - 89-003413
- Promops nasutus
  - Distribution/Bolivia
    - 89-003413
  - Range Extension
    - 89-003413
- Propithecus tattersalli
  - New Species
    - 89-004284
- Pseudomys australis
  - Epididymis
    - 89-003641
  - Prostate Gland
    - 89-003665
  - Sperm
    - 89-003641
- Pseudorca crassidens
  - Distribution/Indian Ocean
    - 89-003993
  - Status/Indian Ocean
    - 89-003993
- Pteronotus gymnonotus
  - Distribution/Bolivia
    - 89-003413
  - Range Extension
    - 89-003413
- Pteronotus parnellii
  - Auditory Sense
    - 89-003429
  - Central Nervous System
    - 89-003429
  - Distribution/Bolivia
    - 89-003413
  - Ears
    - 89-003429
  - Range Extension
    - 89-003413
- Pteronotus personatus
  - Distribution/Bolivia
    - 89-003413
  - Range Extension
    - 89-003413
- Pteropus yapensis
  - Management/Caroline Islands
    - 89-003406
  - Status/Caroline Islands
    - 89-003406
- Pygathrix roxellanae
  - Habitat Use
    - 89-004294
  - Home Range/Territory
    - 89-004294
  - Montane Habitat
    - 89-004294
  - Population Ecology
    - 89-004294
  - Vocalization
    - 89-004294
- Rangifer tarandus
  - Introduction
    - 89-004139
  - Islands
    - 89-004139
  - Predators
    - 89-003332
    - 89-003339
    - 89-003341
  - Remote Sensing
    - 89-003284
- Rangifer tarandus caribou
  - Distribution/Canada: British Columbia
    - 89-004151
  - Habitat Use
    - 89-004149
    - 89-004151
  - Seasonal Activities
    - 89-004149
  - Winter
    - 89-004149
- Rattus
  - Control
    - 89-003572
  - Damage by Wildlife
    - 89-003572
  - Population Control
    - 89-003572
  - Taxonomy
    - 89-003575
- Rattus exulans
  - Foods/Feeding
    - 89-003627
  - Habitat Use
    - 89-003627
  - Islands
    - 89-003574
  - Life History/General
    - 89-003574
  - Population Ecology
    - 89-003627
  - Reproduction
    - 89-003627
  - Status/Marshall Islands
    - 89-003574
- Rattus losea
  - Anticoagulants
    - 89-003486
  - Damage by Wildlife
    - 89-003486
  - Rice
    - 89-003486
  - Rodenticides
    - 89-003486
- Rattus norvegicus
  - Anticoagulants
    - 89-003486
  - Biological Indicators
    - 89-003316
  - Brodifacoum
    - 89-003626
  - Calciferol
    - 89-003626
  - Cestodes
    - 89-003578

...CONTINUED...
- Rattus norvegicus
  - Control
    - 89-003507
    - 89-003522
    - 89-003561
    - 89-003577
    - 89-003580
    - 89-003626
    - 89-003636
  - Damage by Wildlife
    - 89-003486
    - 89-003507
    - 89-003522
    - 89-003560
    - 89-003561
    - 89-003566
    - 89-003577
    - 89-003580
    - 89-003626
    - 89-003636
  - Fleas
    - 89-003514
    - 89-003559
  - Foods/Feeding
    - 89-003636
  - Fumigants
    - 89-003580
  - Leishmaniasis
    - 89-003498
  - Life History/General
    - 89-003333
  - Nematodes
    - 89-003578
  - Parasites/Diseases
    - 89-003498
    - 89-003514
    - 89-003559
    - 89-003560
    - 89-003565
    - 89-003566
    - 89-003578
  - Periodontal Disease
    - 89-003565
  - Phosphine
    - 89-003580
  - Predation
    - 89-002957
    - 89-004867
  - Predators
    - 89-003333
    - 89-003831
  - Protozoan Diseases
    - 89-003498
    - 89-003560
    - 89-003578
  - Public Health Problems
    - 89-003514
    - 89-003559
    - 89-003560
    - 89-003566
  - Rice
    - 89-003486
  - Rodenticides
    - 89-003486
    - 89-003577
    - 89-003626
  - Teeth
    - 89-003565
  - Toxoplasmosis
    - 89-003560
  - Water Pollution
    - 89-003316
  - Zinc Phosphide
    - 89-003626
- Rattus rattus
  - Agricultural Crops
    - 89-003515

...CONTINUED...
- Rattus rattus
  - Anticoagulants
    - 89-003486
  - Biological Indicators
    - 89-003316
  - Brodifacoum
    - 89-003626
  - Calciferol
    - 89-003626
  - Control
    - 89-003507
    - 89-003515
    - 89-003522
    - 89-003626
    - 89-003636
  - Damage by Wildlife
    - 89-003486
    - 89-003507
    - 89-003515
    - 89-003522
    - 89-003566
    - 89-003626
    - 89-003636
  - Foods/Feeding
    - 89-003563
    - 89-003636
  - Leishmaniasis
    - 89-003498
  - Parasites/Diseases
    - 89-003498
    - 89-003566
  - Protozoan Diseases
    - 89-003498
  - Public Health Problems
    - 89-003566
  - Reproduction
    - 89-003564
  - Rice
    - 89-003486
  - Rodenticides
    - 89-003486
    - 89-003626
  - Water Pollution
    - 89-003316
  - Zinc Phosphide
    - 89-003515
    - 89-003626
- Rattus rattus alexandrinus
  - Damage by Wildlife
    - 89-003560
  - Parasites/Diseases
    - 89-003560
  - Protozoan Diseases
    - 89-003560
  - Public Health Problems
    - 89-003560
  - Toxoplasmosis
    - 89-003560
- Rattus rattus frugivorus
  - Breeding
    - 89-003567
  - Breeding Season
    - 89-003567
  - Damage by Wildlife
    - 89-003560
  - Parasites/Diseases
    - 89-003560
  - Protozoan Diseases
    - 89-003560
  - Public Health Problems
    - 89-003560
  - Reproduction
    - 89-003567
  - Toxoplasmosis
    - 89-003560
- Rattus steini
  - Foods/Feeding
    - 89-003627

...CONTINUED...
Rattus steini
  Habitat Use
    89-003627
  Population Ecology
    89-003627
  Reproduction
    89-003627
Reithrodontomys fulvescens
  Foods/Feeding
    89-003655
  Habitat Use
    89-003655
  Home Range/Territory
    89-003655
  Interspecies Relationships
    89-003655
Reithrodontomys megalotis
  Habitat Use
    89-003594
    89-003656
  Interspecies Relationships
    89-003656
  Microhabitat
    89-003656
  Movements
    89-003594
  Prairies
    89-003594
  Wildlife/Habitat Relationships
    89-003656
Rheomys
  Evolution
    89-003526
  Life History/General
    89-003526
  Morphology
    89-003526
  Taxonomy
    89-003526
Rhinoceros unicornis
  Kidneys
    89-004189
  Propagation
    89-004201
  Sperm Preservation
    89-004201
Rhinolophus capensis
  Male Reproductive Organs
    89-003396
Rhinolophus euryale
  Caves
    89-003430
  Habitat Use
    89-003430
  Status/Spain
    89-003430
Rhinonicteris aurantius
  Habitat Use
    89-003414
  Home Range/Territory
    89-003414
  Humidity
    89-003414
  Interspecies Relationships
    89-003414
  Roosts/Roosting
    89-003414
Rhinopoma hardwickei hardwickei
  Embryology
    89-003415
  Female Reproductive Organs
    89-003415
  Uterus
    89-003415
Rhyncholestes raphanurus
  Distribution/South America
    89-003355

...CONTINUED...
Rhyncholestes raphanurus
  Forests, Tropical
    89-003355
  Life History/General
    89-003355
Rodents
  Agricultural Crops
    89-003464
    89-003500
    89-003504
    89-003510
  Anticoagulants
    89-003466
    89-003487
  Bacterial Diseases
    89-003460
  Baits/Attractants
    89-003477
    89-003483
    89-003490
    89-003493
    89-003502
  Bioenergetics
    89-003485
  Biological Control
    89-003465
  Breeding Season
    89-003524
  Brodifacoum
    89-004506
  Control
    89-003450
    89-003451
    89-003454
    89-003455
    89-003456
    89-003457
    89-003460
    89-003461
    89-003464
    89-003465
    89-003466
    89-003467
    89-003468
    89-003470
    89-003472
    89-003474
    89-003475
    89-003476
    89-003477
    89-003478
    89-003479
    89-003480
    89-003481
    89-003482
    89-003483
    89-003487
    89-003488
    89-003489
    89-003490
    89-003491
    89-003492
    89-003493
    89-003494
    89-003496
    89-003497
    89-003500
    89-003502
    89-003504
    89-003505
    89-003508
    89-003509
    89-003511
    89-003512
    89-003516
    89-003518

...CONTINUED...
Rodents
- Control
  - 89-003520
- Damage by Wildlife
  - 89-003450
  - 89-003451
  - 89-003454
  - 89-003455
  - 89-003456
  - 89-003457
  - 89-003460
  - 89-003461
  - 89-003463
  - 89-003464
  - 89-003465
  - 89-003466
  - 89-003467
  - 89-003468
  - 89-003470
  - 89-003472
  - 89-003474
  - 89-003475
  - 89-003476
  - 89-003477
  - 89-003478
  - 89-003479
  - 89-003480
  - 89-003481
  - 89-003482
  - 89-003483
  - 89-003484
  - 89-003487
  - 89-003488
  - 89-003489
  - 89-003490
  - 89-003491
  - 89-003492
  - 89-003493
  - 89-003494
  - 89-003496
  - 89-003497
  - 89-003500
  - 89-003501
  - 89-003502
  - 89-003504
  - 89-003505
  - 89-003508
  - 89-003509
  - 89-003510
  - 89-003511
  - 89-003512
  - 89-003513
  - 89-003516
  - 89-003518
  - 89-003520
  - 89-003525
  - 89-004506
- Desert Habitat
  - 89-003458
  - 89-003497
- Distribution/Central America
  - 89-003495
- Distribution/Costa Rica
  - 89-003495
- Distribution/India
  - 89-003449
  - 89-003503
- Drought
  - 89-003485
- Economic Value
  - 89-003456
  - 89-003510
- Ectoparasites
  - 89-003452
- Evolution
  - 89-003495

...CONTINUED...
Rodents
- Food Supply
  - 89-003458
- Foods/Feeding
  - 89-003471
  - 89-003493
  - 89-003523
- Habits/Behavior
  - 89-003455
  - 89-003521
  - 89-003523
- Hantavirus
  - 89-003525
- Helminths
  - 89-003484
- Interspecies Relationships
  - 89-003458
- Leishmaniasis
  - 89-003463
- Life History/General
  - 89-003472
  - 89-003474
  - 89-003501
  - 89-003523
- Microhabitat
  - 89-003458
- Nematodes
  - 89-003462
- Nonlethal Control
  - 89-003468
  - 89-003491
- Nontarget Organisms
  - 89-004506
- Parasites/Diseases
  - 89-003452
  - 89-003453
  - 89-003462
  - 89-003463
  - 89-003469
  - 89-003473
  - 89-003484
  - 89-003499
  - 89-003513
  - 89-003519
  - 89-003525
- Pheromones
  - 89-003480
  - 89-003518
- Population Control
  - 89-003472
  - 89-003474
  - 89-003509
- Population Ecology
  - 89-003461
  - 89-003503
  - 89-003506
- Poultry
  - 89-003454
- Predators
  - 89-003465
- Protozoan Diseases
  - 89-003463
  - 89-003473
- Public Health Problems
  - 89-003453
  - 89-003463
  - 89-003469
  - 89-003470
  - 89-003484
  - 89-003499
  - 89-003511
  - 89-003519
  - 89-003525
- Repellents
  - 89-003480
  - 89-003496

...CONTINUED...
- Rodents
  - Reproduction
    - 89-003466
    - 89-003524
  - Reproductive/Growth Regulators
    - 89-003480
    - 89-003492
    - 89-003524
  - Rice
    - 89-003510
  - Rodenticides
    - 89-003454
    - 89-003466
    - 89-003483
    - 89-003487
    - 89-003488
    - 89-003493
    - 89-004506
  - Savannas
    - 89-003485
  - Secondary Substances
    - 89-003471
  - Semi-arid Habitat
    - 89-003497
  - Social Behavior
    - 89-003523
  - Status/India
    - 89-003503
  - Taxonomy
    - 89-003449
  - Telemetry
    - 89-003521
  - Transmission of Disease
    - 89-003473
    - 89-003499
    - 89-003519
  - Ultrasonic Waves
    - 89-003491
  - Viral Diseases
    - 89-003460
    - 89-003519
    - 89-003525
  - Zoogeography
    - 89-003495
- Rousettus aegyptiacus
  - Captive Animal Care
    - 89-003419
  - Diets
    - 89-003419
- Rupicapra rupicapra ornata
  - Age Ratio
    - 89-004167
  - Foods/Feeding
    - 89-004167
  - Social Behavior
    - 89-004167
- Saguinus labiatus
  - Care/Rearing of Young
    - 89-004271
  - Hormones
    - 89-004271
  - Steroids
    - 89-004271
- Saguinus oedipus oedipus
  - Management/Colombia
    - 89-004280
  - Restoration
    - 89-004280
- Saimiri sciureus
  - Play Behavior
    - 89-004217
  - Social Behavior
    - 89-004217
- Saimiri sciureus boliviensis
  - Parasites/Diseases
    - 89-004283

...CONTINUED...
- Saimiri sciureus boliviensis
  - Play Behavior
    - 89-004218
  - Protozoan Diseases
    - 89-004283
  - Social Behavior
    - 89-004218
  - Trichomoniasis
    - 89-004283
- Salpingotus crassicauda
  - Taxonomy
    - 89-003654
  - Zoogeography
    - 89-003654
- Salpingotus kozlovi
  - Taxonomy
    - 89-003654
  - Zoogeography
    - 89-003654
- Sarcophilus harrisii
  - Cardiovascular System
    - 89-003363
- Sciurus carolinensis
  - Food Supply
    - 89-003532
  - Foods/Feeding
    - 89-003543
  - Habitat Use
    - 89-003543
  - Movements
    - 89-003543
  - Population Ecology
    - 89-003532
- Sciurus niger
  - Foods/Feeding
    - 89-003543
  - Habitat Use
    - 89-003543
  - Movements
    - 89-003543
- Sciurus vulgaris
  - Leishmaniasis
    - 89-003327
  - Parasites/Diseases
    - 89-003327
  - Protozoan Diseases
    - 89-003327
- Scotophilus heathi
  - Parasites/Diseases
    - 89-003421
  - Trypanosomes
    - 89-003421
- Sigmodon hispidus
  - Foods/Feeding
    - 89-003655
    - 89-003659
  - Habitat Use
    - 89-003655
  - Home Range/Territory
    - 89-003655
  - Interspecies Relationships
    - 89-003655
  - Learning
    - 89-003659
  - Olfactory Sense
    - 89-003610
  - Predator/Prey Relationships
    - 89-003659
  - Scent Marking
    - 89-003610
  - Social Behavior
    - 89-003610
- Sorex
  - Taxonomy
    - 89-003388
- Sorex araneus
  - Echolocation
    - 89-003373

- Sorex cinereus
  - Morphology
    - 89-003385
  - Zoogeography
    - 89-003385
- Sorex coronatus
  - Metabolism
    - 89-003384
  - Temperature Relationships
    - 89-003384
- Sorex longirostris
  - Distribution/Virginia
    - 89-003382
  - Status/Virginia
    - 89-003382
- Sorex minutus
  - Metabolism
    - 89-003384
  - Temperature Relationships
    - 89-003384
- Soricidae
  - Bioenergetics
    - 89-003374
  - Foods/Feeding
    - 89-003374
  - Population Ecology
    - 89-003517
  - Predator/Prey Relationships
    - 89-003517
- Spalax leucodon
  - Brain
    - 89-003634
  - Chromosomes
    - 89-003634
  - Diurnal Rhythm
    - 89-003647
  - Evolution
    - 89-003634
  - Light
    - 89-003647
  - Photoperiodism
    - 89-003647
  - Taxonomy
    - 89-003634
- Spermophilus beecheyi
  - Hormones
    - 89-003534
  - Infanticide
    - 89-003545
  - Intraspecies Relationships
    - 89-003545
  - Reproduction
    - 89-003534
- Spermophilus beldingi
  - Locomotion
    - 89-003544
  - Morphology
    - 89-003544
- Spermophilus lateralis
  - Abnormalities
    - 89-003531
  - Hair
    - 89-003531
- Spermophilus parryii
  - Genetics
    - 89-003548
  - Osteology
    - 89-003538
  - Sexing
    - 89-003538
  - Zoogeography
    - 89-003548
- Spermophilus tereticaudus
  - Adaptation
    - 89-003547
  - Desert Habitat
    - 89-003459

...CONTINUED...

- Spermophilus tereticaudus
  - Evolution
    - 89-003547
  - Foods/Feeding
    - 89-003533
  - Habitat Use
    - 89-003459
    - 89-003533
  - Life History/General
    - 89-003459
  - Productivity
    - 89-003533
  - Reproduction
    - 89-003533
  - Water Supply
    - 89-003533
- Spermophilus tridecemlineatus
  - Hypoxia
    - 89-003528
  - Parasites/Diseases
    - 89-003536
  - Respiration
    - 89-003528
- Spermophilus undulatus
  - Helminths
    - 89-003542
  - Parasites/Diseases
    - 89-003542
- Spermophilus variegatus
  - Desert Habitat
    - 89-003549
  - Hair
    - 89-003549
  - Skin
    - 89-003549
  - Temperature Relationships
    - 89-003549
- Spilogale putorius latifrons
  - Hormones
    - 89-003802
  - Pregnancy
    - 89-003802
  - Reproduction
    - 89-003802
- Stenella attenuata
  - Bioenergetics
    - 89-003903
  - Census/Survey Methods
    - 89-003915
  - Commercial Fishing
    - 89-003965
    - 89-004041
  - Distribution/Pacific Ocean
    - 89-003915
  - Fish Nets
    - 89-003965
    - 89-004041
  - Food Supply
    - 89-003915
  - Foods/Feeding
    - 89-003903
  - Lactation
    - 89-003903
  - Mortality
    - 89-003965
    - 89-004041
  - Pregnancy
    - 89-003903
- Stenella coeruleoalba
  - Commercial Fishing
    - 89-004041
  - Fish Nets
    - 89-004041
  - Mortality
    - 89-004041
- Stenella longirostris
  - Census/Survey Methods
    - 89-003915

...CONTINUED...
Stenella longirostris
  Commercial Fishing
    89-003965
    89-004041
  Distribution/Pacific Ocean
    89-003915
  Fish Nets
    89-003965
    89-004041
  Food Supply
    89-003915
  Mortality
    89-003965
    89-004041
Suncus murinus
  Anticoagulants
    89-003486
  Damage by Wildlife
    89-003486
  Rice
    89-003486
  Rodenticides
    89-003486
Sus barbatus
  Parasites/Diseases
    89-004206
  Ticks
    89-004206
Sus celebensis
  Parasites/Diseases
    89-004206
  Ticks
    89-004206
Sus scrofa
  Control
    89-004164
    89-004200
  Damage by Wildlife
    89-004164
    89-004200
  Feral Animals
    89-004200
  History/Netherlands
    89-004196
  Management/California
    89-004164
  Parasites/Diseases
    89-004206
  Population Ecology
    89-002807
  Predators
    89-003881
  Status/Netherlands
    89-004196
  Ticks
    89-004206
Sylvilagus bachmani
  Food Supply
    89-003446
  Foods/Feeding
    89-003446
Sylvilagus brasiliensis meridensis
  Productivity
    89-003441
  Reproduction
    89-003441
Syncerus caffer
  Management/South Africa
    89-003279
  Population Control
    89-003279
  Population Ecology
    89-003279
Tachyoryctes splendens
  Grasslands
    89-003597
Tadarida aurispinosa
  Distribution/Bolivia
    89-003413
  Range Extension
    89-003413
Tadarida condylura
  Reproduction
    89-003409
Tadarida macrotis
  Distribution/Bolivia
    89-003413
  Range Extension
    89-003413
Tadarida planiceps
  Female Reproductive Organs
    89-003403
  Male Reproductive Organs
    89-003416
  Reproduction
    89-003403
    89-003416
Tadarida pumila
  Reproduction
    89-003409
Talpa europaea
  Breeding Season
    89-003378
  Climate
    89-003378
  Reproduction
    89-003378
Tamandua tetradactyla
  Leishmaniasis
    89-003327
  Parasites/Diseases
    89-003327
  Protozoan Diseases
    89-003327
Tamias striatus
  Cardiovascular System
    89-003537
  Hibernation
    89-003537
Tamiasciurus douglasii
  Predators
    89-003823
Tamiasciurus hudsonicus grahamensis
  Endangered/Threatened Species
    89-003541
Tarsipes spenserae
  Cytology
    89-003371
  Digestive System
    89-003371
  Endocrinology
    89-003371
Tarsius syrichta
  Chromosomes
    89-004231
Tatera boehmi
  Taxonomy
    89-003585
  Zoogeography
    89-003585
Tatera indica
  Agricultural Crops
    89-003515
  Bacterial Diseases
    89-003670
  Baits/Attractants
    89-003645
  Control
    89-003515
    89-003645
    89-003652
  Damage by Wildlife
    89-003515

...CONTINUED...
- Tatera indica
  - Damage by Wildlife
    - 89-003645
    - 89-003652
    - 89-003670
  - Foods/Feeding
    - 89-003645
  - Life History/General
    - 89-003652
  - Parasites/Diseases
    - 89-003670
  - Public Health Problems
    - 89-003670
  - Taxonomy
    - 89-003585
  - Urine
    - 89-003645
  - Yersiniosis
    - 89-003670
  - Zinc Phosphide
    - 89-003515
    - 89-003645
  - Zoogeography
    - 89-003585
- Tatera minuscula
  - Taxonomy
    - 89-003585
  - Zoogeography
    - 89-003585
- Tatera nigricauda
  - Taxonomy
    - 89-003585
  - Zoogeography
    - 89-003585
- Tatera phillipsi
  - Taxonomy
    - 89-003585
  - Zoogeography
    - 89-003585
- Tatera robusta
  - Taxonomy
    - 89-003585
  - Zoogeography
    - 89-003585
- Tatera valida
  - Taxonomy
    - 89-003585
  - Zoogeography
    - 89-003585
- Taxidea taxus
  - Prairies
    - 89-003191
  - Wildlife/Habitat Relationships
    - 89-003191
- Tayassu tajacu
  - Digestive System
    - 89-004187
  - Hormones
    - 89-004177
  - Male Reproductive Organs
    - 89-004177
  - Physical Condition
    - 89-004188
  - Sperm
    - 89-004177
  - Volatile Fatty Acids
    - 89-004187
- Thomomys umbrinus
  - Habitat Use
    - 89-003596
    - 89-003621
  - Wildlife/Habitat Relationships
    - 89-003596
    - 89-003621
- Trachops cirrhosus
  - Auditory Sense
    - 89-003399

...CONTINUED...
- Trachops cirrhosus
  - Ears
    - 89-003399
  - Foods/Feeding
    - 89-003399
- Tremarctos ornatus
  - Habitat Management
    - 89-003757
  - Habitat Surveys
    - 89-003756
    - 89-003757
  - Habitat Use
    - 89-003756
  - Management/Peru
    - 89-003756
- Trichechus manatus
  - Auditory Sense
    - 89-003949
  - Data Storage/Retrieval
    - 89-003899
  - Ears
    - 89-003949
  - Individual Recognition
    - 89-003899
  - Life History/General
    - 89-003940
  - Parasites/Diseases
    - 89-004037
  - Photography
    - 89-003899
  - Protozoan Diseases
    - 89-004037
  - Remote Sensing
    - 89-003284
- Trichechus manatus latirostris
  - Food Supply
    - 89-003900
  - Foods/Feeding
    - 89-003900
  - Overwintering
    - 89-003900
  - Telemetry
    - 89-003900
- Trichechus senegalensis
  - Captive Animal Care
    - 89-003282
  - Zoos
    - 89-003282
- Trichosurus vulpecula
  - Central Nervous System
    - 89-003354
- Tupaia glis
  - Mites
    - 89-004220
  - Parasites/Diseases
    - 89-004220
- Tupaia glis chinensis
  - Brain
    - 89-004289
  - Computer Use
    - 89-004289
  - Visual Aids
    - 89-004289
- Tursiops truncatus
  - Captive Animal Care
    - 89-003941
  - Commercial Fishing
    - 89-004041
  - Fish Nets
    - 89-003955
    - 89-004041
  - Harvest/Hunting Statistics
    - 89-003951
    - 89-003955
    - 89-004011
  - Hormones
    - 89-004024

...CONTINUED...
Tursiops truncatus
  Life History/General
    89-003951
  Mortality
    89-003955
    89-004041
  Sperm
    89-004024
  Status/Norway
    89-004011
  Whaling
    89-004011
Ungulates
  Aircraft
    89-004051
  Captive Animal Care
    89-004058
  Capturing Methods
    89-004051
  Care/Rearing of Young
    89-004054
  Catarrhal Fever
    89-004053
    89-004056
  Diagnostic Techniques
    89-004053
  Feet
    89-004058
  Life History/General
    89-004057
  Modeling
    89-004055
  Morphology
    89-004057
  Nets/Netting
    89-004051
  Parasites/Diseases
    89-004053
    89-004056
  Predator/Prey Relationships
    89-004055
  Viral Diseases
    89-004053
    89-004056
  Wildlife/Habitat Relationships
    89-004055
  Zoos
    89-004054
    89-004058
Ursidae
  Conservation Programs
    89-003736
  Life History/General
    89-003736
    89-003787
    89-003788
  Management
    89-003787
  Public Relations
    89-003736
  Status
    89-003787
Ursus
  Life History/General
    89-003787
    89-003788
  Management
    89-003787
  Status
    89-003787
Ursus americanus
  Amino Acids
    89-003752
  Attacks on Humans
    89-003723
  Bedding Sites
    89-003749

...CONTINUED...
Ursus americanus
  Breeding
    89-003698
  Census/Survey Methods
    89-003746
  Computer Use
    89-003730
  Control
    89-003717
  Damage by Wildlife
    89-003717
    89-003723
    89-003742
    89-003751
  Dens
    89-003735
    89-003741
    89-003770
    89-003772
    89-003782
  Distribution/Idaho
    89-003786
  Disturbances
    89-003696
  Environmental Factors
    89-003738
  Food Supply
    89-003715
    89-003755
  Foods/Feeding
    89-003715
    89-003751
  Forest/Wildlife Relationships
    89-003702
  Forestry Practices
    89-003702
  Forests
    89-003742
    89-003751
    89-003755
  Forests, Coniferous
    89-003748
  Habitat Use
    89-003715
    89-003718
    89-003748
    89-003749
    89-003755
    89-003786
  Harvest/Hunting Statistics
    89-003758
  Hematology
    89-003729
    89-003769
  Hibernation
    89-003772
  Home Range/Territory
    89-003726
    89-003763
  Hunting/Anti-hunting
    89-003734
  Immobilization
    89-003716
  Ketamine Hydrochloride
    89-003716
  Management
    89-003730
  Management/California
    89-003696
  Metabolism
    89-003752
  Modeling
    89-003775
  Morphology
    89-003775
  Mortality
    89-003737

...CONTINUED...

- Ursus americanus
  - Movements
    - 89-003712
    - 89-003726
  - Overwintering
    - 89-003735
  - Physical Condition
    - 89-003769
  - Population Ecology
    - 89-003702
    - 89-003730
    - 89-003734
    - 89-003738
  - Pregnancy
    - 89-003713
  - Redwoods
    - 89-003717
  - Serology
    - 89-003729
  - Status/Alaska
    - 89-003746
  - Stocking/Transplanting
    - 89-003704
    - 89-003712
  - Survival
    - 89-003704
  - Traps/Trapping
    - 89-003712
  - Wildlife/Habitat Relationships
    - 89-003717
    - 89-003718
    - 89-003742
  - Winter
    - 89-003726
  - Xylazine
    - 89-003716
- Ursus arctos
  - Adoption
    - 89-003785
  - Aerial Surveys
    - 89-003710
  - Attacks on Humans
    - 89-003727
  - Census/Survey Methods
    - 89-003710
    - 89-003746
  - Climate
    - 89-003774
  - Damage by Wildlife
    - 89-003727
  - Dens
    - 89-003731
    - 89-003768
  - Dispersal
    - 89-003764
  - Distribution/Alaska
    - 89-003767
  - Distribution/Finland
    - 89-003764
  - Distribution/Italy
    - 89-003754
  - Distribution/Mexico
    - 89-003779
  - Distribution/Norway
    - 89-003711
  - Distribution/Romania
    - 89-003784
  - Distribution/Spain
    - 89-003708
  - Distribution/Sweden
    - 89-003699
  - Distribution/Yugoslavia
    - 89-003728
  - Disturbances
    - 89-003695
    - 89-003743

...CONTINUED...

- Ursus arctos
  - Disturbances
    - 89-003781
  - Diurnal Rhythm
    - 89-003766
  - Fires/Burns
    - 89-003720
  - Food Supply
    - 89-003774
  - Foods/Feeding
    - 89-003706
    - 89-003719
    - 89-003720
    - 89-003721
  - Forestry Practices
    - 89-003695
  - Garbage Dumps
    - 89-003774
  - Habitat Surveys
    - 89-003727
  - Habitat Use
    - 89-003709
    - 89-003719
    - 89-003727
    - 89-003743
    - 89-003759
    - 89-003773
  - Habits/Behavior
    - 89-003759
    - 89-003773
  - Home Range/Territory
    - 89-003728
  - Hunting/Anti-hunting
    - 89-003714
    - 89-003747
  - Islands
    - 89-003767
    - 89-003768
    - 89-003781
  - Life History/General
    - 89-003699
  - Mortality
    - 89-003701
    - 89-003714
    - 89-003747
  - Movements
    - 89-003728
    - 89-003784
  - Noise Pollution
    - 89-003765
  - Oil/Gas Development
    - 89-003765
  - Population Ecology
    - 89-003740
  - Predation
    - 89-003339
  - Productivity
    - 89-003774
    - 89-003785
  - Remote Sensing
    - 89-003284
  - Roads
    - 89-003695
    - 89-003743
  - Social Behavior
    - 89-003709
  - Status/Alaska
    - 89-003710
    - 89-003746
  - Status/Italy
    - 89-003754
  - Status/Japan
    - 89-003740
  - Status/Mexico
    - 89-003779
  - Status/Norway
    - 89-003711

...CONTINUED...
Ursus arctos
Status/Spain
89-003705
89-003708
Telemetry
89-003699
Ursus arctos arctos
Habits/Behavior
89-003783
Intraspecies Relationships
89-003783
Ursus arctos horribilis
Age Ratio
89-003722
Climate
89-003760
Distribution/Montana
89-003761
Distribution/Wyoming
89-003761
Disturbances
89-003697
Food Supply
89-003760
Foods/Feeding
89-003739
Growth/Development
89-003700
Harvest/Hunting Statistics
89-003722
Life History/General
89-003697
89-003744
Management/Montana
89-003697
89-003707
89-003771
Management/Wyoming
89-003697
Modeling
89-003722
89-003732
Morphology
89-003700
Population Ecology
89-003722
89-003732
89-003744
89-003771
Productivity
89-003760
Status/Montana
89-003732
89-003771
Status/Wyoming
89-003732
Ursus arctos pyrenaicus
Damage by Wildlife
89-003703
Livestock
89-003703
Predation
89-003703
Ursus arctos yesoensis
Embryology
89-003780
Foods/Feeding
89-003753
Growth/Development
89-003780
Harvest/Hunting Statistics
89-003694
Hormones
89-003780
Ursus maritimus
Computer Use
89-003778

...CONTINUED...
Ursus maritimus
Damage by Wildlife
89-003745
Distribution/Arctic Ocean
89-003762
Life History/General
89-003762
Modeling
89-003778
Morphology
89-003733
Movements
89-003776
Population Ecology
89-003778
Remote Sensing
89-003284
Repellents
89-003745
Status/Arctic Ocean
89-003762
Telemetry
89-003776
89-003777
Ursus thibetanus
Distribution/Japan
89-003725
Habitat Use
89-003724
Home Range/Territory
89-003725
Movements
89-003724
89-003725
Varecia variegata
Captive Animal Care
89-004276
Nests/Nesting
89-004276
Vombatus ursinus
Herpesvirus
89-003362
Parasites/Diseases
89-003362
Viral Diseases
89-003362
Vulpes vulpes
Control
89-003676
Distribution/Israel
89-003677
Foods/Feeding
89-002959
89-003673
89-003685
Habitat Use
89-003683
Home Range/Territory
89-003683
Interspecies Relationships
89-003683
Life History/General
89-003677
Overwintering
89-003673
Parasites/Diseases
89-003676
89-003686
Predation
89-002959
89-003333
Rabies
89-003676
Vaccination
89-003676
Viral Diseases
89-003676

Zalophus californianus californianus
  Care/Rearing of Young
    89-003982
  Diets
    89-003982
  Propagation
    89-003982

BOOK REVIEWS

Despain, Don, Douglas Houston, Mary Meagher, and Paul Schullery. 1986. *Wildlife in Transition: Man and Nature on Yellowstone's Northern Range*. Roberts Rinehart, Inc., Publishers, P.O. Box 3161, Boulder, CO 80303. 142pp. Available from the Yellowstone Association, P.O. Box 117, Yellowstone National Park, WY 82190, at $15.00 (plus $3.75 postage, cloth), $6.95 (plus $2.50 postage, paper).

This text is an excellent, timely, and succinct sourcebook for those interested in the Yellowstone Ecosystem. Although its emphasis is on the larger species of wildlife in the northern winter range of Yellowstone National Park (which includes some non-Park lands), the text is as much about "changes in scientific understanding, management procedures, and public perception as it is a book about animals and their range." An introductory chapter defines the Northern Range and outlines the evolution of management concern and current challenges to the system. Chapters on the mammals (7 herbivores and 3 carnivores), vegetation, and Native Americans of the Northern Range outline past and present conditions, and development of our understanding of the Yellowstone ecosystem. A final chapter summarizes current philosophy of management for the Northern Range.

The text is a particularly good review of the analyses that led to a major reassessment of Yellowstone management several decades ago, and an explanation of what are now the guiding principles for management of the Northern Range. Since the late 1960's, this management has been a large experiment in which natural forces and species relationships have been allowed to regulate the system. This is in great contrast to the tinkering with species and populations, or outright extermination of some species in favor of others, that has characterized management of most western lands, including Yellowstone National Park. Now, instead of forcing the landscape to match preconceived notions of "correctness," the Northern Range is being allowed to approach a natural dynamic equilibrium. How the "experiment" on the Northern Range is being used to reevaluate hypotheses and redefine priorities is an excellent example of how large-ecosystem management should be accomplished.

This is an excellent and readable account, suitable for the layman and interested scientist, and an especially appropriate book for those intrigued by the potential ecological consequences of the great Yellowstone fires of 1988. The authors' discussion of best means for management takes on particular timeliness when they discuss the disadvantages of decades of fire suppression. A bibliography provides ample guidance for further reading on the Yellowstone ecosystem. – Ronald E. Kirby, U.S. Fish and Wildlife Service, Office of Information Transfer, 1025 Pennock Pl., Suite 212, Fort Collins, CO 80524.

BOOK REVIEWS

Kunz, T. H., editor. *Ecological and Behavioral Methods for the Study of Bats.* Smithsonian Institution Press, Washington, D.C. xxii + 533pp. 1988. Available at $50.00 (cloth).

The only thing wrong with this landmark book is (perhaps) the title. Although the title may reflect the general research orientation of the contributors to the volume, it might read more accurately, "Everything you ever wanted to know about how to study bats." And believe me, it's all here--from capture, tagging, detection, infection, inspection, rejection (of some statistical procedures), to labeling (with DLW), preparing, filming, training, maintaining, gaining (and losing energy), and safety considerations. All that and more, and no Andy Rooney!

Dr. Kunz, his students, friends, and colleagues have collaborated to produce a book that will be invaluable to those conducting or contemplating studies of Chiroptera, and to those working on other mammalian groups. The information contained is state-of-the-art as of about mid-1985. The book consists of a short preface followed by 29 chapters on techniques for the study of various aspects of bat biology. A short but comprehensive subject index is included. An index of scientific names would be useful, although species-specific information is easily found in the references section at the end of each chapter. The chapters run the gamut from ordinary but important details (capture, aging, specimen preparation) to the exciting (radio-tracking, population estimation--a must read chapter, photographing) to the merely exotic (censusing prey and fruit--still a frustrating endeavor, kinship assessment, water balance, and the like). Additionally, all chapters are cross-referenced throughout for ease in finding additional information.

Nearly all the authors are well known for their contributions to our understanding of the biology of bats, and in general their love of the subject shows. As a result, reading the various chapters is an unusually effective way of learning a lot about bat biology. Although some authors stick primarily to techniques, with less biology included, the chapters have extensive references identifying original studies that can be consulted for additional details. For readers like myself, who tend to forget who did what when, the references are a salvation. Appendices containing valuable and time-saving information on supplies and sources also are included in many chapters. Since many techniques and ideas have come from work on other groups, there is both actual and potential cross-pollination among researchers and literature.

I suppose the ultimate fate of books such as this is to become obsolete. I hope that happens. In the meantime, if you are interested in, or working on, bats, run--don't walk--to your bookseller. It's a steal. And I only found one typo, though I forgot where it is.--Michael A. Bogan, U.S. Fish and Wildlife Service, National Ecology Research Center, 1300 Blue Spruce Dr., Fort Collins, CO 80524.

SYSTEMATIC INDEX - BIRDS

Acanthis flavirostris
  Migration/Europe
    89-005362
  Sex Ratio
    89-005362
Acanthisittidae
  Evolution
    89-005290
  Legs
    89-005290
Accipiter badius
  Eyes
    89-005184
Accipiter cooperii
  Census/Survey Methods
    89-005196
  Predation
    89-004466
  Transect Surveys
    89-005196
Accipiter fasciatus
  Breeding
    89-005087
  Foods/Feeding
    89-005088
  Life History/General
    89-005087
Accipiter gentilis
  Breeding
    89-005106
  Dispersal
    89-005168
  Distribution/East Germany
    89-005160
  Distribution/Netherlands
    89-005096
  Forest/Wildlife Relationships
    89-005145
  Habitat Surveys
    89-005106
  Habitat Use
    89-005106
  Life History/General
    89-005160
  Movements
    89-005168
  Nesting Sites
    89-005145
  Nests/Nesting
    89-005145
  Population Ecology
    89-005168
  Predation
    89-004559
    89-005168
  Productivity
    89-005160
  Status/Netherlands
    89-005096
  Telemetry
    89-005168
Accipiter melanoleucus
  Aggressive Behavior
    89-005180
  Interspecies Relationships
    89-005180
Accipiter nisus
  Distribution/East Germany
    89-005224
  Disturbances
    89-005215
  Falconry
    89-005083
  Forest/Wildlife Relationships
    89-005145
  Interspecies Relationships
    89-004461

...CONTINUED...
Accipiter nisus
  Migration/East Germany
    89-005224
  Migration/Europe, Northern
    89-005126
  Mobbing
    89-004461
  Mortality
    89-005205
  Nesting Sites
    89-005145
    89-005215
  Nests/Nesting
    89-005145
    89-005215
  Population Ecology
    89-005205
Accipiter rufiventris
  Distribution/Africa, East
    89-005111
  Nests/Nesting
    89-005111
  Range Extension
    89-005111
Accipiter striatus
  Agonistic Behavior
    89-005192
  Census/Survey Methods
    89-005196
  Foods/Feeding
    89-005192
  Habitat Use
    89-005192
  Injuries
    89-004551
  Overwintering
    89-005192
  Population Ecology
    89-005192
  Predation
    89-004551
  Sexual Dimorphism
    89-005192
  Transect Surveys
    89-005196
Acrocephalus aequinoctialis
  Vocalization
    89-005460
Acrocephalus arundinaceus
  Nesting Sites
    89-005388
  Nests/Nesting
    89-005388
Acrocephalus arundinaceus orientalis
  Distribution/Hong Kong
    89-005459
  Status/Hong Kong
    89-005459
Acrocephalus palustris
  Breeding Season
    89-005542
  Clutches
    89-005542
  Habits/Behavior
    89-005541
Acrocephalus scirpaceus
  Interspecies Relationships
    89-004464
    89-004465
  Nest Parasitism
    89-004464
    89-004465
  Predators
    89-004554
Actitis hypoleucos
  Disturbances
    89-005005

...CONTINUED...
- Actitis hypoleucos
  - Status/Scotland
    - 89-005005
- Aegolius funereus
  - Breeding
    - 89-005174
  - Food Supply
    - 89-005173
  - Mating
    - 89-005173
  - Pair Formation
    - 89-005173
  - Population Ecology
    - 89-005173
  - Productivity
    - 89-005174
  - Supplemental Feeding
    - 89-005174
- Aerodramus spodiopygius chillagoensis
  - Breeding
    - 89-005264
  - Caves
    - 89-005264
- Agelaius phoeniceus
  - Banding Studies
    - 89-005297
  - Breeding
    - 89-005322
  - Breeding Season
    - 89-004617
  - Control
    - 89-005304
  - Corn
    - 89-005304
  - Damage by Wildlife
    - 89-005304
  - Hormones
    - 89-005296
  - Migration/North America
    - 89-005297
  - Overwintering
    - 89-005297
  - Pair Formation
    - 89-005322
  - Plumage
    - 89-005322
  - Polygyny
    - 89-005296
  - Reproduction
    - 89-005296
  - Steroids
    - 89-005296
  - Territorial Defense
    - 89-005296
- Agelaius xanthomus
  - Distribution/Puerto Rico
    - 89-005332
  - Islands
    - 89-005332
  - Status/Puerto Rico
    - 89-005332
- Agelastes meleagrides
  - Coloration
    - 89-004603
  - Plumage
    - 89-004603
- Aimophila aestivalis
  - Forestry Practices
    - 89-005279
  - Habitat Use
    - 89-005279
  - Population Ecology
    - 89-005279
- Aimophila cassinii
  - Individual Recognition
    - 89-005502
  - Vocalization
    - 89-005502
- Aix sponsa
  - Habitat Management
    - 89-003174
  - Nesting Sites
    - 89-004705
  - Riparian Habitat
    - 89-003174
- Alauda arvensis
  - Predators
    - 89-004555
  - Vocalization
    - 89-004555
- Alca torda
  - Age/Sex Ratios
    - 89-004500
  - Care/Rearing of Young
    - 89-005004
  - Fledging
    - 89-005004
  - Oil Pollution
    - 89-004500
  - Propagation
    - 89-004858
  - Telemetry
    - 89-005004
  - Zoos
    - 89-004858
- Alcedo atthis
  - Foods/Feeding
    - 89-005576
- Alcidae
  - Distribution/North America
    - 89-004619
  - Life History/General
    - 89-004619
- Alectoris chukar
  - Bioenergetics
    - 89-004585
  - Climate
    - 89-004585
  - Desert Habitat
    - 89-004586
  - Reproduction
    - 89-004585
  - Water Metabolism
    - 89-004586
  - Water Supply
    - 89-004586
  - Zoogeography
    - 89-004585
- Alectura lathami
  - Incubation
    - 89-004605
  - Incubation Mounds
    - 89-004605
  - Nests/Nesting
    - 89-004605
  - Population Ecology
    - 89-004604
  - Productivity
    - 89-004604
  - Survival
    - 89-004604
- Alle alle
  - Age/Sex Ratios
    - 89-004500
  - Distribution/Canada: Nova Scotia
    - 89-004790
  - Oil Pollution
    - 89-004500
  - Overwintering
    - 89-004790
- Amadina erythrocephala
  - Interspecies Relationships
    - 89-004456
  - Nests/Nesting
    - 89-004456

Ammodramus maritimus
  Nest Predation
    89-002957
  Nests/Nesting
    89-002957
  Predator/Prey Relationships
    89-002957
  Predators
    89-002957
Ammodramus sandwichensis
  Predators
    89-004562
Ammodramus sandwichensis beldingi
  Distribution/California
    89-005555
  Status/California
    89-005555
Ammomanes deserti
  Foods/Feeding
    89-005508
  Tools
    89-005508
Ammoperdix heyi
  Desert Habitat
    89-004586
  Water Metabolism
    89-004586
  Water Supply
    89-004586
Anas acuta
  Body Fat
    89-004706
  Heavy Metals
    89-004529
  Lead Poisoning
    89-004529
  Lead Shot
    89-004529
  Physical Condition
    89-004706
Anas clypeata
  Bills
    89-004696
  Foods/Feeding
    89-004696
Anas crecca
  Bacterial Diseases
    89-004694
  Botulism
    89-004694
  Foods/Feeding
    89-004684
  Habitat Use
    89-004684
  Management/France
    89-004685
  Marshes
    89-004684
  Overwintering
    89-004685
  Parasites/Diseases
    89-004694
  Rehabilitation
    89-004694
  Roosts/Roosting
    89-004685
  Treatment
    89-004694
Anas discors
  Breeding Season
    89-004617
  Foods/Feeding
    89-004684
  Habitat Use
    89-004684
  Marshes
    89-004684
Anas fulvigula
  Census/Survey Methods
    89-004721
  Density
    89-004721
  Habitat Use
    89-004721
Anas penelope
  Distribution/Scotland
    89-004716
  Feeding Sites
    89-004701
  Foods/Feeding
    89-004701
  Status/Scotland
    89-004716
  Water Supply
    89-004701
Anas platyrhynchos
  Adrenal Gland
    89-004693
  Aircraft
    89-004550
  Bacterial Diseases
    89-004694
  Bills
    89-004696
  Botulism
    89-004694
  Breeding Season
    89-004617
  Cadmium
    89-004528
  Chlorinated Hydrocarbons
    89-004517
  Damage by Wildlife
    89-004550
  Disturbances
    89-004691
  Eggs
    89-004712
  Environmental Factors
    89-004681
    89-004712
  Food Supply
    89-004615
    89-004681
  Foods/Feeding
    89-004615
    89-004696
  Growth/Development
    89-004693
  Heart Rate
    89-004691
  Heavy Metals
    89-004517
    89-004528
    89-004531
  Hunting/Anti-hunting
    89-004687
  Interspecies Relationships
    89-004482
    89-004615
  Kidneys
    89-004528
  Lead
    89-004528
  Lead Poisoning
    89-004531
  Mercury
    89-004528
  Methyl Parathion
    89-004510
  Migration
    89-004620
  Oil Pollution
    89-004518

...CONTINUED...
Anas platyrhynchos
  Overwintering
    89-004620
    89-004681
  Parasites/Diseases
    89-004694
  Polychlorinated Biphenyls
    89-004517
  Population Ecology
    89-002807
    89-004714
  Precipitation
    89-004681
  Propagation
    89-004714
  Rehabilitation
    89-004694
  Reproduction
    89-004712
  Status/West Germany
    89-004620
  Stocking/Transplanting
    89-004687
    89-004714
  Stress
    89-004691
  Survival
    89-004714
  Temperature Relationships
    89-004681
  Thermoregulation
    89-004518
  Treatment
    89-004694
  Water Consumption
    89-004697
  Zoogeography
    89-004712
Anas rubripes
  Bacterial Diseases
    89-004694
  Botulism
    89-004694
  Breeding Season
    89-004628
  Distribution/Canada: Quebec
    89-004628
  Habitat Use
    89-004628
  Mortality
    89-004682
  Overwintering
    89-004682
  Parasites/Diseases
    89-004694
  Rehabilitation
    89-004694
  Survival
    89-004682
  Treatment
    89-004694
  Winter
    89-004682
Anas strepera
  Bacterial Diseases
    89-004694
  Botulism
    89-004694
  Distribution/Canada: New Brunswick
    89-004702
  Management/France
    89-004685
  Nesting Sites
    89-002954
  Nests/Nesting
    89-002954

...CONTINUED...
Anas strepera
  Overwintering
    89-004685
  Parasites/Diseases
    89-004694
  Predators
    89-002954
  Rehabilitation
    89-004694
  Roosts/Roosting
    89-004685
  Treatment
    89-004694
Anas undulata
  Banding Studies
    89-004683
  Population Ecology
    89-004683
  Survival
    89-004683
Anser albifrons
  Enteritis
    89-004519
  Flocks
    89-004736
  Parasites/Diseases
    89-004519
  Social Behavior
    89-004736
Anser albifrons flavirostris
  Banding Studies
    89-004737
  Migration
    89-004737
  Mortality
    89-004737
  Movements
    89-004737
Anser albifrons frontalis
  Distribution/Utah
    89-004722
    89-004739
  Overwintering
    89-004732
  Physical Condition
    89-004732
  Winter
    89-004732
Anser albifrons gambelli
  Distribution/Utah
    89-004722
Anser anser
  Auditory Sense
    89-004750
  Chlorinated Hydrocarbons
    89-004517
  Deltas
    89-004676
  Foods/Feeding
    89-004727
  Habitat Management
    89-004676
  Habitat Use
    89-004728
  Habits/Behavior
    89-004727
  Heavy Metals
    89-004517
    89-004534
  Individual Recognition
    89-004750
  Lead Poisoning
    89-004534
  Lead Shot
    89-004534
  Molting
    89-004676

...CONTINUED...
Anser anser
Nests/Nesting
89-004676
Overwintering
89-004723
Polychlorinated Biphenyls
89-004517
Population Ecology
89-004728
Social Behavior
89-004728
Status/Scotland
89-004723
Vocalization
89-004750
Wetlands
89-004676
Anser caerulescens
Coloration
89-004731
Enteritis
89-004519
Life History/General
89-004738
Parasites/Diseases
89-004519
Population Ecology
89-004738
Anser caerulescens caerulescens
Distribution/Canada: Northwest Territories
89-004743
DNA
89-004747
Genetics
89-004747
Intraspecies Relationships
89-004741
Nest Parasitism
89-004741
Nests/Nesting
89-004743
Status/Canada: Northwest Territories
89-004743
Anser fabalis
Agricultural Crops
89-004733
Baits/Attractants
89-004733
Control
89-004733
Damage by Wildlife
89-004733
Overwintering
89-004723
Status/Scotland
89-004723
Anser rossi
Enteritis
89-004519
Parasites/Diseases
89-004519
Status/Minnesota
89-004725
Anseranas semipalmata
Propagation
89-004742
Zoos
89-004742
Anseriformes
Agricultural Crops
89-004666
Agricultural Practices
89-004673
Control
89-004666

...CONTINUED...
Anseriformes
Crippling Loss
89-004664
Damage by Wildlife
89-004666
Deltas
89-004676
Distribution/Hong Kong
89-004625
Disturbances
89-004671
89-004746
Endangered/Threatened Species
89-004642
Food Supply
89-004622
89-004658
89-004673
Grazing
89-004746
Habitat Islands
89-004719
Habitat Management
89-004616
89-004646
89-004663
89-004673
89-004676
89-004719
Habitat Use
89-004459
89-004665
89-004674
Heavy Metals
89-004535
89-004541
Hunting/Anti-hunting
89-004664
89-004667
89-004668
89-004669
Interspecies Relationships
89-004459
Lakes
89-004616
Laws/Law Enforcement
89-004668
89-004669
Lead Poisoning
89-004535
89-004541
Lead Shot
89-004535
89-004541
89-004664
Life History/General
89-004674
Management
89-004653
Management/England
89-004658
Management/France
89-004622
89-004629
Management/United States
89-004670
Molting
89-004676
Nest Boxes
89-004322
Nests/Nesting
89-004676
Potholes
89-004665
89-004674
Prairies
89-004674

...CONTINUED...
- Anseriformes
  - Predator/Prey Relationships
    - 89-004459
  - Propagation
    - 89-004642
  - Recreational Activities
    - 89-004671
  - Reserves/Refuges/Parks
    - 89-004670
  - Rights-of-Way
    - 89-004646
  - Status/Hong Kong
    - 89-004625
  - Status/New York
    - 89-004672
  - Steel Shot
    - 89-004664
  - Stocking/Transplanting
    - 89-004675
  - Supplemental Feeding
    - 89-004673
  - Traps/Trapping
    - 89-004322
  - Water Level
    - 89-004663
    - 89-004719
  - Wetlands
    - 89-004616
    - 89-004622
    - 89-004629
    - 89-004653
    - 89-004658
    - 89-004663
    - 89-004665
    - 89-004666
    - 89-004673
    - 89-004674
    - 89-004676
    - 89-004719
- Anthochaera rufogularis
  - Foods/Feeding
    - 89-005489
  - Seed Dispersal
    - 89-005489
- Anthus leucophrys
  - Distribution/Malawi
    - 89-005337
- Anthus pratensis
  - Interspecies Relationships
    - 89-004464
    - 89-004465
  - Nest Parasitism
    - 89-004464
    - 89-004465
- Anthus spraguei
  - Status/Minnesota
    - 89-005523
- Aphelocoma coerulescens
  - Climate
    - 89-005319
  - Life History/General
    - 89-005319
  - Social Behavior
    - 89-005319
- Aphelocoma coerulescens coerulescens
  - Predator/Prey Relationships
    - 89-005306
  - Vocalization
    - 89-005306
- Aphelocoma ultramarina
  - Vocalization
    - 89-005298
  - Zoogeography
    - 89-005298
- Aphriza virgata
  - Foods/Feeding
    - 89-004935
- Aptenodytes forsteri
  - Cestodes
    - 89-005053
  - Cysts
    - 89-005053
  - Parasites/Diseases
    - 89-005053
- Aptenodytes patagonica
  - Status/Antarctica
    - 89-005061
- Apus apus
  - Aggressive Behavior
    - 89-004455
  - Breeding
    - 89-005259
  - Distribution/Italy
    - 89-005254
  - Flight
    - 89-005259
  - Habitat Use
    - 89-005265
  - Interspecies Relationships
    - 89-004455
  - Predators
    - 89-004553
  - Roosts/Roosting
    - 89-005265
  - Social Behavior
    - 89-005259
  - Status/Italy
    - 89-005254
- Apus melba
  - Distribution/Italy
    - 89-005254
  - Status/Italy
    - 89-005254
- Apus pacificus
  - Distribution/Marshall Islands
    - 89-005256
  - Range Extension
    - 89-005256
- Apus pallidus
  - Distribution/Italy
    - 89-005254
  - Status/Italy
    - 89-005254
- Aquila audax
  - Flight
    - 89-004463
  - Interspecies Relationships
    - 89-004463
- Aquila chrysaetos
  - Bacterial Diseases
    - 89-005164
  - Care/Rearing of Young
    - 89-005117
  - Diurnal Rhythm
    - 89-005117
  - Electrocution
    - 89-005209
  - Flight
    - 89-005117
  - Foods/Feeding
    - 89-005139
  - Home Range/Territory
    - 89-005117
  - Movements
    - 89-005117
  - Nests/Nesting
    - 89-005117
  - Parasites/Diseases
    - 89-005164
- Aquila rapax
  - Breeding
    - 89-005163
  - Distribution/Mongolian People's Republic
    - 89-005202

...CONTINUED...
- Aquila rapax
  - Habitat Use
    - 89-005163
  - Productivity
    - 89-005163
  - Reproduction
    - 89-005163
- Aquila verreauxi
  - Damage by Wildlife
    - 89-005188
  - Home Range/Territory
    - 89-005082
  - Livestock
    - 89-005188
  - Nests/Nesting
    - 89-005082
  - Plumage
    - 89-005245
  - Predation
    - 89-005188
  - Productivity
    - 89-005082
  - Sexual Dimorphism
    - 89-005245
- Archboldia papuensis
  - Distribution/Papua New Guinea
    - 89-005401
  - Eggs
    - 89-005401
  - Nests/Nesting
    - 89-005401
- Archilochus alexandri
  - Status/Canada: Nova Scotia
    - 89-005260
- Archilochus colubris
  - Distribution/California
    - 89-005257
  - Interspecies Relationships
    - 89-005505
  - Range Extension
    - 89-005257
- Ardea cinerea
  - Distribution/Italy
    - 89-004923
  - Foods/Feeding
    - 89-004516
  - Habitat Surveys
    - 89-004838
  - Habitat Use
    - 89-004838
  - Heavy Metals
    - 89-004530
  - Interspecies Relationships
    - 89-004478
    - 89-004481
  - Man-made Litter
    - 89-004516
  - Nest Predation
    - 89-004481
  - Nests/Nesting
    - 89-004923
  - Predator/Prey Relationships
    - 89-004478
  - Predators
    - 89-004481
  - Status/Italy
    - 89-004838
- Ardea herodias
  - Accidents
    - 89-004817
  - Aggressive Behavior
    - 89-004476
  - Breeding Season
    - 89-004628
  - Broods/Brooding
    - 89-004992
  - Chlorinated Hydrocarbons
    - 89-004511

...CONTINUED...
- Ardea herodias
  - DDE
    - 89-004511
  - Distribution/Canada: Quebec
    - 89-004628
  - Eggshell Thinning
    - 89-004511
  - Foods/Feeding
    - 89-004992
  - Habitat Surveys
    - 89-004977
  - Habitat Use
    - 89-004628
    - 89-004977
  - Intraspecies Relationships
    - 89-004992
  - Mortality
    - 89-004817
  - Nests/Nesting
    - 89-004794
    - 89-004992
  - Starvation
    - 89-004519
  - Status/Michigan
    - 89-004977
  - Status/Washington
    - 89-004934
- Ardea herodias fannini
  - Biological Indicators
    - 89-004524
- Ardea herodias occidentalis
  - Dispersal
    - 89-004782
  - Habitat Use
    - 89-004782
- Ardea purpurea purpurea
  - Islands
    - 89-004813
  - Status/Cape Verde Islands
    - 89-004813
- Ardeidae
  - Colonial Nesting
    - 89-004825
  - Coloration
    - 89-004825
  - Displays
    - 89-004825
  - Management/France
    - 89-004629
  - Mating
    - 89-004825
  - Wetlands
    - 89-004629
- Ardeola ibis
  - Climate
    - 89-004861
  - Distribution/Antarctica
    - 89-004889
  - Distribution/Caribbean Area
    - 89-004769
  - Distribution/France
    - 89-004860
    - 89-004861
  - Habitat Management
    - 89-004860
  - Range Extension
    - 89-004769
    - 89-004889
  - Status/Antarctica
    - 89-004889
  - Weather
    - 89-004861
- Ardeola ralloides
  - Climate
    - 89-004861
  - Distribution/France
    - 89-004860

...CONTINUED...

- Ardeola ralloides
  - Distribution/France
    - 89-004861
  - Habitat Management
    - 89-004860
  - Nesting Sites
    - 89-004860
  - Weather
    - 89-004861
- Arenaria interpres
  - Distribution/East Germany
    - 89-004900
- Asio otus
  - Distribution/Italy
    - 89-005241
  - Foods/Feeding
    - 89-005127
  - Nests/Nesting
    - 89-005241
  - Urban Habitat
    - 89-005127
- Asio otus caneriensis
  - Islands
    - 89-005208
  - Nesting Sites
    - 89-005208
  - Nests/Nesting
    - 89-005208
- Asyndesmus lewis
  - Habitat Surveys
    - 89-005266
  - Habitat Use
    - 89-005266
- Athene noctua
  - Breeding
    - 89-005221
    - 89-005244
  - Food Supply
    - 89-005244
  - Foods/Feeding
    - 89-005244
  - Hunting Methods
    - 89-005244
  - Predation
    - 89-004553
- Aulacorhynchus haematopygus
  - Propagation
    - 89-005270
- Auriparus flaviceps
  - Metabolism
    - 89-005543
  - Temperature Relationships
    - 89-005543
  - Wind
    - 89-005543
- Aythya americana
  - Breeding Season
    - 89-004617
- Aythya collaris
  - Breeding Season
    - 89-004628
  - Clutches
    - 89-004703
  - Distribution/Canada: Quebec
    - 89-004628
  - Habitat Use
    - 89-004628
  - Nests/Nesting
    - 89-004703
  - Population Ecology
    - 89-004703
  - Productivity
    - 89-004703
- Aythya ferina
  - Breeding
    - 89-004704
  - Food Supply
    - 89-004615

...CONTINUED...

- Aythya ferina
  - Foods/Feeding
    - 89-004615
  - Status/Scotland
    - 89-004704
- Aythya fuligula
  - Bills
    - 89-004696
  - Diving
    - 89-004715
  - Food Supply
    - 89-004615
  - Foods/Feeding
    - 89-004615
    - 89-004696
  - Fungal Diseases
    - 89-004711
  - Interspecies Relationships
    - 89-004615
  - Migration
    - 89-004620
  - Overwintering
    - 89-004620
  - Oxygen
    - 89-004715
  - Parasites/Diseases
    - 89-004711
  - Status/West Germany
    - 89-004620
- Aythya marila
  - Acanthocephala
    - 89-004680
  - Parasites/Diseases
    - 89-004680
- Aythya nyroca
  - Distribution/Sweden
    - 89-004692
  - Status/Sweden
    - 89-004692
- Aythya valisineria
  - Breeding Season
    - 89-004617
- Balearica pavonina pavonina
  - Distribution/Nigeria
    - 89-004921
  - Status/Nigeria
    - 89-004921
- Bambusicola thoracica
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Bartramia longicauda
  - Habitat Use
    - 89-005008
  - Migration
    - 89-005008
  - Overwintering
    - 89-005008
- Basileuterus leucoblepharus
  - Distribution/Argentina
    - 89-005461
- Birds, Passerine
  - Banding Studies
    - 89-005282
  - Breeding
    - 89-005280
  - Captive Animal Care
    - 89-005285
  - Desert Habitat
    - 89-005291
  - Distribution/Greenland
    - 89-004560
  - Distribution/Venezuela
    - 89-005280
  - Edge Habitat
    - 89-005293

...CONTINUED...
Birds, Passerine
Flight
89-005281
Floodplains
89-005280
Forestry Practices
89-005292
89-005293
Glyphosate
89-005292
Herbicides
89-005292
Karyotypes
89-005284
Migration
89-005289
89-005291
Migration/Africa
89-005286
Migration/California
89-005287
Morphology
89-005283
Plant Control
89-005292
Predators
89-004560
89-005293
Savannas
89-005280
Birds, Sea
Breeding
89-004631
Computer Use
89-004630
89-004638
89-004639
89-004644
89-004645
Data Storage/Retrieval
89-004630
89-004638
89-004639
89-004644
89-004645
Distribution/Alaska
89-005057
Distribution/Australia: Western Australia
89-004635
Distribution/England
89-004928
Distribution/Italy
89-004631
Distribution/Louisiana
89-004634
Distribution/Maine
89-004557
Distribution/USSR
89-004655
89-005066
Food Supply
89-004654
89-004656
Foods/Feeding
89-004631
89-004656
Growth/Development
89-004654
Islands
89-004634
89-004654
89-004655
Life History/General
89-004652
Management/North America
89-004647

...CONTINUED...
Birds, Sea
Mapping
89-004638
Marshes, Salt
89-004634
Migration
89-004637
Nests/Nesting
89-004557
89-004634
Nocturnal Activities
89-004637
Overwintering
89-004635
Population Ecology
89-004652
Predators
89-004557
Status/Alaska
89-005057
Status/Australia: Western Australia
89-004635
Status/England
89-004928
Status/Japan
89-005076
Status/USSR
89-004655
89-005066
Storms
89-004928
Wildlife/Habitat Relationships
89-004634
Birds, Shore
Distribution/Australia: Western Australia
89-004635
Distribution/Maryland
89-004961
Distribution/Scotland
89-004659
Distribution/Venezuela
89-004966
Distribution/Zimbabwe
89-004661
Estuaries
89-004792
Flight
89-004880
89-004922
89-004930
Foods/Feeding
89-004649
89-004876
89-004966
Habitat Alterations
89-004961
Habitat Islands
89-004618
Habitat Use
89-004659
Lakes
89-004618
Management/North America
89-004647
Migration
89-004637
Migration/Denmark
89-004922
Migration/East Germany
89-004901
89-004982
Migration/Norway
89-004922
Migration/Washington
89-004792

...CONTINUED...
Birds, Shore
  Nocturnal Activities
    89-004637
    89-004649
    89-004966
  Overwintering
    89-004635
  Sexual Dimorphism
    89-004880
    89-004930
  Status/Australia: Western Australia
    89-004635
  Status/Maryland
    89-004961
  Status/Scotland
    89-004659
  Status/Washington
    89-004792
  Status/Zimbabwe
    89-004661
  Wetlands
    89-004618
Birds, Water
  Agricultural Practices
    89-004866
  Breeding
    89-004627
    89-004631
  Census/Survey Methods
    89-004643
  Christmas Counts
    89-004643
  Coastal Habitat
    89-004662
  Computer Use
    89-004630
    89-004638
    89-004639
    89-004644
    89-004645
  Data Storage/Retrieval
    89-004630
    89-004638
    89-004639
    89-004644
    89-004645
  Distribution/Australia: Western Australia
    89-004635
  Distribution/Canada: Nova Scotia
    89-002905
  Distribution/East Germany
    89-004650
  Distribution/Florida
    89-004632
    89-004651
  Distribution/Hong Kong
    89-004625
  Distribution/Italy
    89-004631
  Distribution/Louisiana
    89-004634
  Distribution/Maine
    89-004557
  Distribution/New Jersey
    89-004624
  Distribution/Scotland
    89-004659
  Distribution/USSR
    89-004655
    89-005066
  Distribution/Zimbabwe
    89-004661
  Endangered/Threatened Species
    89-004642
  Food Supply
    89-004622

...CONTINUED...
Birds, Water
  Food Supply
    89-004654
    89-004656
    89-004658
  Foods/Feeding
    89-004624
    89-004631
    89-004641
    89-004649
    89-004656
    89-004876
  Growth/Development
    89-004654
  Habitat Islands
    89-004618
  Habitat Management
    89-004616
    89-004636
    89-004646
    89-004663
    89-004866
  Habitat Use
    89-004621
    89-004623
    89-004641
    89-004659
  Heavy Metals
    89-004535
    89-004541
  History/Florida
    89-004632
  Islands
    89-004634
    89-004654
    89-004655
  Lakes
    89-004616
    89-004618
  Lead Poisoning
    89-004526
    89-004535
    89-004541
  Lead Shot
    89-004526
    89-004535
    89-004541
  Life History/General
    89-004652
  Management
    89-004653
  Management/England
    89-004658
  Management/Florida
    89-004632
  Management/France
    89-004622
    89-004629
  Management/North America
    89-004647
  Mapping
    89-004638
  Marshes, Salt
    89-004623
    89-004634
  Migration/Oregon
    89-004775
  Nematodes
    89-004657
  Nest Boxes
    89-004640
  Nests/Nesting
    89-004557
    89-004634
    89-004640
  Nocturnal Activities
    89-004649

...CONTINUED...
Birds, Water
Oil Pollution
89-004538
Overwintering
89-004633
89-004635
Parasites/Diseases
89-004657
Population Ecology
89-004650
89-004652
Power Plants
89-004621
Predator/Prey Relationships
89-004558
Predators
89-004557
89-004558
Propagation
89-004642
Rights-of-Way
89-004646
Status/Australia: Western
Australia
89-004635
Status/Florida
89-004632
89-004651
Status/Hong Kong
89-004625
Status/Japan
89-005076
Status/Scotland
89-004659
Status/Sweden
89-004662
Status/Switzerland
89-004633
Status/USSR
89-004655
89-005066
Status/Zimbabwe
89-004661
Swamps
89-004627
Tides/Waves
89-004624
Water Level
89-004627
89-004663
Wetland Draining
89-004627
Wetlands
89-003164
89-004616
89-004618
89-004622
89-004629
89-004636
89-004653
89-004658
89-004662
89-004663
Wildlife/Habitat Relationships
89-004634
Bombycilla cedrorum
Foods/Feeding
89-005452
Bonasa umbellus
Dispersal
89-004575
Food Supply
89-004574
Habitat Use
89-004575
89-004577
Home Range/Territory
89-004577

...CONTINUED...
Bonasa umbellus
Home Range/Territory
89-004578
Mast
89-004574
Metabolism
89-004578
Movements
89-004578
Nest Predation
89-004579
Nesting Sites
89-004579
Nests/Nesting
89-004579
Nutrition
89-004574
Overwintering
89-004578
Survival
89-004577
Telemetry
89-004578
Temperature Relationships
89-004578
Brachyramphus marmoratus
Distribution/California
89-004955
Distribution/Oregon
89-004955
Habitat Use
89-004955
Status/California
89-004955
Status/Oregon
89-004955
Branta bernicla
Distribution/Italy
89-004726
Overwintering
89-004726
Predators
89-004559
Branta bernicla nigricans
Nest Predation
89-004748
Predators
89-004748
Productivity
89-004748
Branta canadensis
Banding Studies
89-004735
Distribution/Illinois
89-004745
Energy Relationships
89-004724
Enteritis
89-004519
Foods/Feeding
89-004724
89-004745
Habitat Use
89-004745
Migration
89-004724
Parasites/Diseases
89-004519
Physical Condition
89-004724
Remote Sensing
89-004724
Survival
89-004735
Branta canadensis interior
Age Ratio
89-004734

...CONTINUED...

- Branta canadensis interior
  - Productivity
    - 89-004734
  - Sexual Maturity
    - 89-004734
- Branta canadensis leucopareia
  - Paleobiology
    - 89-004363
  - Status/Alaska
    - 89-004363
- Branta leucopsis
  - Distribution/Maryland
    - 89-004749
- Brotogeris cyanoptera
  - Propagation
    - 89-005568
- Bubalornis albirostris
  - Interspecies Relationships
    - 89-004460
- Bubo bubo
  - Banding Studies
    - 89-005129
  - Distribution/East Germany
    - 89-005102
    - 89-005222
  - Distribution/Netherlands
    - 89-005246
  - Foods/Feeding
    - 89-005134
  - Nests/Nesting
    - 89-005222
  - Stocking/Transplanting
    - 89-005129
- Bubo virginianus
  - Eyes
    - 89-005086
  - Habits/Behavior
    - 89-005148
  - Overwintering
    - 89-005148
  - Predation
    - 89-004556
    - 89-004563
  - Sight
    - 89-005086
- Bucephala clangula
  - Acanthocephala
    - 89-004680
  - Breeding Season
    - 89-004628
  - Distribution/Canada: Quebec
    - 89-004628
  - Food Supply
    - 89-004615
  - Foods/Feeding
    - 89-004615
  - Habitat Use
    - 89-004628
  - Interspecies Relationships
    - 89-004615
  - Parasites/Diseases
    - 89-004680
- Bucephala islandica
  - Acanthocephala
    - 89-004680
  - Parasites/Diseases
    - 89-004680
- Bucerotidae
  - Taxonomy
    - 89-005578
  - Zoogeography
    - 89-005578
- Bucorvus abyssinicus
  - Growth/Development
    - 89-005575
  - Propagation
    - 89-005575
- Bugeranus carunculatus
  - History/South Africa
    - 89-004788
  - Status/South Africa
    - 89-004788
- Bulweria bulwerii
  - Distribution/Portugal
    - 89-005059
  - Population Ecology
    - 89-005059
  - Status/Portugal
    - 89-005059
- Buphagus africanus
  - Foods/Feeding
    - 89-005330
- Buphagus erythrorhynchus
  - Foods/Feeding
    - 89-005330
- Burhinus oedicnemus
  - Chlorinated Hydrocarbons
    - 89-004523
  - DDE
    - 89-004523
  - DDT
    - 89-004523
  - Polychlorinated Biphenyls
    - 89-004523
- Buteo albicaudatus
  - Chaparral
    - 89-005172
  - Nesting Sites
    - 89-005172
  - Nests/Nesting
    - 89-005172
  - Savannas
    - 89-005172
  - Wildlife/Habitat Relationships
    - 89-005172
- Buteo buteo
  - Abnormalities
    - 89-005142
  - Distribution/Czechoslovakia
    - 89-005095
  - Forest/Wildlife Relationships
    - 89-005145
  - Nesting Sites
    - 89-005145
  - Nests/Nesting
    - 89-005145
  - Polydactyly
    - 89-005142
- Buteo buteo toyoshimai
  - Foods/Feeding
    - 89-005242
  - Hunting Methods
    - 89-005242
- Buteo jamaicensis
  - Bills
    - 89-005181
  - Breeding
    - 89-005125
  - Census/Survey Methods
    - 89-005196
  - Defensive Behavior
    - 89-005171
  - Food Supply
    - 89-005125
  - Foods/Feeding
    - 89-005187
  - Growth/Development
    - 89-005125
  - Habits/Behavior
    - 89-005148
  - Hunting Methods
    - 89-005187
  - Injuries
    - 89-005181

...CONTINUED...
Buteo jamaicensis
Movements
89-005156
Nests/Nesting
89-005171
Overwintering
89-005148
Population Ecology
89-005125
Productivity
89-005125
Rehabilitation
89-005156
Status/Minnesota
89-005166
Surgery
89-005181
Survival
89-005156
Transect Surveys
89-005196
Wildlife/Habitat Relationships
89-005125
Zoogeography
89-005171
Buteo lagopus
Foods/Feeding
89-005199
Habits/Behavior
89-005148
Overwintering
89-005148
Population Ecology
89-005199
Buteo lineatus
Movements
89-005156
Rehabilitation
89-005156
Survival
89-005156
Buteo regalis
Distribution/Iowa
89-005250
Status/Iowa
89-005250
Buteo rufinus
Distribution/Africa
89-005135
Cacatua leadbeateri
Foods/Feeding
89-005562
Cacicus cela vitellinus
Vocalization
89-005333
Cairina moschata
Captive Animal Care
89-004678
Embryology
89-004698
Habits/Behavior
89-004713
Mating
89-004710
Social Behavior
89-004710
89-004713
Vocalization
89-004698
Calidris acuminata
Distribution/East Germany
89-004891
Calidris alba
Migration/Austria
89-004820
Calidris alpina
Aggressive Behavior
89-004487

...CONTINUED...
Calidris alpina
Arsenic
89-004514
Cadmium
89-004514
Disturbances
89-005005
Food Robbing
89-004486
Heavy Metals
89-004514
Interspecies Relationships
89-004486
89-004487
Mercury
89-004514
Selenium
89-004514
Status/Scotland
89-005005
Calidris alpina actites
Taxonomy
89-004936
Calidris bairdii
Distribution/East Germany
89-004891
Calidris canutus
Distribution/West Germany
89-004950
Life History/General
89-004950
Migration/West Germany
89-004950
Overwintering
89-004950
Calidris fuscicollis
Distribution/East Germany
89-004891
Calidris maritima
Banding Studies
89-004993
Biometrics
89-004993
Calidris melanotos
Distribution/East Germany
89-004891
Calidris minuta
Bioenergetics
89-004848
Migration
89-004848
Calidris minutilla
Migration/Minnesota
89-004772
Calidris pusilla
Foods/Feeding
89-004924
Traps/Trapping
89-004872
Calidris ruficollis
Distribution/Netherlands
89-004999
Calidris subminuta
Distribution/Oregon
89-004852
Range Extension
89-004852
Calidris tenuirostris
Distribution/East Germany
89-004937
Calypte anna
Bioenergetics
89-005261
Foods/Feeding
89-005261
Metabolism
89-005261

Camarhynchus
  Evolution
    89-005411
  Life History/General
    89-005411
Campylorhynchus brunneicapillus
  Cacti
    89-004428
  Nesting Sites
    89-004428
  Nests/Nesting
    89-004428
Campylorhynchus turdinus unicolor
  Distribution/Argentina
    89-005373
  Distribution/Paraguay
    89-005373
  Life History/General
    89-005373
Caprimulgus noctitherus
  Vocalization
    89-005583
Cardinalis cardinalis
  Abnormalities
    89-005455
  Coloration
    89-005455
  Gynandromorphism
    89-005455
  Predators
    89-004551
  Vocalization
    89-005444
Carduelis chloris
  Distribution/East Germany
    89-005406
Carduelis spinus
  Nesting Sites
    89-005350
  Nests/Nesting
    89-005350
Carpodacus mexicanus
  Adaptation
    89-005369
  Altitude
    89-005369
  Hematology
    89-005369
  Metabolism
    89-005369
  Respiration
    89-005369
  Status/Minnesota
    89-005355
    89-005435
Cassidix mexicanus
  Foods/Feeding
    89-005331
  Growth/Development
    89-005331
  Respiration
    89-005331
  Sexual Dimorphism
    89-005331
Casuarius casuarius
  Captive Animal Care
    89-005591
  Propagation
    89-005591
  Zoos
    89-005591
Catharacta skua
  Distribution/East Germany
    89-004823
  Distribution/Scotland
    89-004959
  Islands
    89-004959
...CONTINUED...
Catharacta skua
  Status/Scotland
    89-004959
Cathartes aura
  Distribution/Cuba
    89-005251
  Status/Cuba
    89-005251
Catreus wallichii
  Propagation
    89-004584
  Restoration
    89-004584
Centrocercus urophasianus
  Breeding
    89-004564
  Distribution/Utah
    89-004564
Centurus uropygialis
  Distribution/Mexico: Baja
  California Norte
    89-005267
  Nests/Nesting
    89-005267
Cepphus grylle
  Distribution/Atlantic Ocean,
  Northern
    89-004836
  Distribution/Scotland
    89-004836
  Oil Pollution
    89-004501
  Status/Denmark
    89-004501
  Weather
    89-004501
Certhia familiaris
  Edge Habitat
    89-005443
  Forestry Practices
    89-005443
  Habitat Use
    89-005443
  Nest Boxes
    89-005443
  Productivity
    89-005443
Certhidea olivacea
  Evolution
    89-005411
  Life History/General
    89-005411
Ceryle rudis
  Flight
    89-005590
  Foods/Feeding
    89-005590
Cettia cetti
  Vocalization
    89-005451
Cettia diphone
  Interspecies Relationships
    89-004470
  Nest Parasitism
    89-004470
Charadrius alexandrinus
  Bioenergetics
    89-004848
  Breeding
    89-004887
  Distribution/Hungary
    89-004967
  Distribution/Oregon
    89-004911
  Disturbances
    89-004887
  Fences
    89-004887

...CONTINUED...
- Charadrius alexandrinus
  - Life History/General
    - 89-004911
  - Migration
    - 89-004848
  - Nests/Nesting
    - 89-004887
    - 89-004967
  - Predators
    - 89-004887
  - Status/Oregon
    - 89-004911
  - Status/Sweden
    - 89-004887
- Charadrius alexandrinus nivosus
  - Distribution/California
    - 89-004943
  - Distribution/United States, Western
    - 89-004943
  - Overwintering
    - 89-004943
- Charadrius dubius
  - Bioenergetics
    - 89-004848
  - Migration
    - 89-004848
- Charadrius hiaticula
  - Disturbances
    - 89-005005
  - Mortality
    - 89-004871
  - Status/Scotland
    - 89-005005
- Charadrius marginatus
  - Distribution/Malawi
    - 89-004920
- Charadrius montanus
  - Status/Minnesota
    - 89-004837
- Charadrius semipalmatus
  - Distribution/Oregon
    - 89-004877
  - Foods/Feeding
    - 89-004924
  - Nests/Nesting
    - 89-004877
  - Range Extension
    - 89-004877
- Charadrius vociferus
  - Breeding Season
    - 89-004617
  - Egg Laying
    - 89-004863
- Chlidonias
  - Field Notes
    - 89-004996
  - Species Identification
    - 89-004996
- Chlidonias nigra
  - Breeding Season
    - 89-004617
  - Clutches
    - 89-004830
  - Marshes
    - 89-004830
  - Nesting Sites
    - 89-004830
  - Nests/Nesting
    - 89-004830
  - Productivity
    - 89-004830
  - Wetlands
    - 89-004830
- Chordeiles rupestris
  - Interspecies Relationships
    - 89-004468

...CONTINUED...
- Chordeiles rupestris
  - Nests/Nesting
    - 89-004468
- Choriotis kori
  - Mating
    - 89-004870
- Choriotis nigriceps
  - Distribution/India
    - 89-004859
  - Life History/General
    - 89-004859
  - Status/India
    - 89-004859
- Chrysococcyx cupreus
  - Mortality
    - 89-005577
- Chrysolophus amherstiae
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Chrysolophus pictus
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Ciconia ciconia
  - Aging
    - 89-004893
  - Banding Studies
    - 89-004839
  - Bills
    - 89-004893
  - Distribution/East Germany
    - 89-004963
  - Distribution/Israel
    - 89-004839
  - Distribution/South Africa
    - 89-004941
  - Life History/General
    - 89-004839
  - Nests/Nesting
    - 89-004902
  - Population Ecology
    - 89-004902
  - Productivity
    - 89-004899
  - Range Extension
    - 89-004941
  - Status/East Germany
    - 89-004899
    - 89-004963
- Ciconia ciconia boyciana
  - Distribution/Japan
    - 89-004844
- Cinclus pallasii
  - Bioenergetics
    - 89-005392
  - Home Range/Territory
    - 89-005392
- Circaetus gallicus
  - Distribution/Israel
    - 89-005191
  - Nests/Nesting
    - 89-005191
  - Productivity
    - 89-005191
- Circus aeruginosus
  - Distribution/Hong Kong
    - 89-005090
  - Distribution/Italy
    - 89-005178
  - Status/Italy
    - 89-005178
  - Status/Sweden
    - 89-005169
- Circus aeruginosus aeruginosus
  - Distribution/France
    - 89-005094

...CONTINUED...
Circus aeruginosus aeruginosus
Life History/General
89-005094
Circus approximans
Bioenergetics
89-005238
Metabolism
89-005238
Circus cyaneus
Distribution/Hong Kong
89-005090
Foods/Feeding
89-005211
Mortality
89-005232
Predation
89-004554
Roosts/Roosting
89-005158
Vocalization
89-005158
Circus melanoleucos
Distribution/Hong Kong
89-005090
Cisticola juncidis
Distribution/Bulgaria
89-005441
Range Extension
89-005441
Clangula hyemalis
Acanthocephala
89-004680
Parasites/Diseases
89-004680
Coccyzus americanus occidentalis
Endangered/Threatened Species
89-005579
Management
89-005579
Coenocorypha aucklandica huegeli
Incubation
89-004926
Colinus virginianus
Agricultural Practices
89-004591
Banding Studies
89-004594
Coastal Habitat
89-004596
Fires/Burns
89-004591
Food Supply
89-004591
Foods/Feeding
89-004587
89-004591
Grazing
89-004457
89-004596
Habitat Use
89-004457
89-004591
Movements
89-004596
Nests/Nesting
89-004596
Overwintering
89-004587
Population Ecology
89-004593
89-004594
Productivity
89-004596
Reproduction
89-004587
Supplemental Feeding
89-004587

...CONTINUED...
Colinus virginianus
Supplemental Feeding
89-004591
Survival
89-004593
89-004594
Telemetry
89-004593
Wildlife/Habitat Relationships
89-004457
89-004596
Columba livia
Aircraft
89-004550
Damage by Wildlife
89-004550
Hematology
89-004613
Columba livia domestica
Courtship Behavior
89-004608
Vocalization
89-004608
Columbidae
Distribution/North America
89-004619
Life History/General
89-004619
Columbina passerina
Distribution/California
89-004614
Coracias garrulus
Breeding
89-005584
Care/Rearing of Young
89-005585
Distribution/Austria
89-005584
Fledging
89-005587
Intraspecies Relationships
89-005585
Life History/General
89-005586
Nests/Nesting
89-005587
Zoos
89-005586
Corcorax melanorhamphos
Agonistic Behavior
89-005310
Breeding
89-005310
Intraspecies Relationships
89-005310
Social Behavior
89-005310
Corvidae
Morphology
89-005317
Sexing
89-005317
Taxonomy
89-005317
Zoogeography
89-005317
Corvus albicollis
Flight
89-005323
Flocks
89-005323
Corvus corax
Foods/Feeding
89-005309
Habits/Behavior
89-005299
Interspecies Relationships
89-004481

...CONTINUED...
- Corvus corax
  - Intraspecies Relationships
    - 89-005309
  - Nest Predation
    - 89-004481
  - Stocking/Transplanting
    - 89-005325
- Corvus corone cornix
  - Foods/Feeding
    - 89-005328
  - Play Behavior
    - 89-005314
  - Social Behavior
    - 89-005314
- Corvus corone corone
  - Distribution/East Germany
    - 89-005324
  - Life History/General
    - 89-005324
- Corvus frugilegus
  - Aircraft
    - 89-004550
  - Bioenergetics
    - 89-004446
  - Damage by Wildlife
    - 89-004550
  - Overwintering
    - 89-005311
  - Reproduction
    - 89-004446
  - Roosts/Roosting
    - 89-005311
  - Urban Habitat
    - 89-005311
  - Weather
    - 89-005311
- Corvus monedula
  - Flocks
    - 89-005334
    - 89-005335
  - Foods/Feeding
    - 89-005334
  - Intraspecies Relationships
    - 89-005335
  - Nest Boxes
    - 89-005295
  - Nesting Sites
    - 89-005295
  - Social Behavior
    - 89-005334
    - 89-005335
- Corvus ossifragus
  - Predation
    - 89-002957
- Coturnicops noveboracensis
  - Distribution/Texas
    - 89-004985
- Coturnix coturnix
  - Population Ecology
    - 89-002807
- Coturnix japonica
  - Aggressive Behavior
    - 89-004595
  - Brain
    - 89-004595
  - Testes
    - 89-004595
  - Testosterone
    - 89-004595
  - Water Consumption
    - 89-004597
  - Water Metabolism
    - 89-004597
- Crossoptilon auritum
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Crossoptilon mantchuricum
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Cuculus canorus
  - Interspecies Relationships
    - 89-004464
    - 89-004465
  - Nest Parasitism
    - 89-004464
    - 89-004465
- Cuculus poliocephalus
  - Interspecies Relationships
    - 89-004470
  - Nest Parasitism
    - 89-004470
- Cuculus saturatus
  - Interspecies Relationships
    - 89-004470
  - Nest Parasitism
    - 89-004470
- Curaeus forbesi
  - Life History/General
    - 89-005329
  - Population Ecology
    - 89-005329
- Cyanocitta stelleri
  - Mobbing
    - 89-004466
  - Predator/Prey Relationships
    - 89-004466
  - Predators
    - 89-004466
  - Vocalization
    - 89-004466
- Cyanoptila cyanomelana
  - Habits/Behavior
    - 89-005534
  - Propagation
    - 89-005534
- Cygnus buccinator
  - Heavy Metals
    - 89-004502
  - Lead Poisoning
    - 89-004502
  - Lead Shot
    - 89-004502
  - Status/Canada, Western
    - 89-004744
- Cygnus cygnus
  - Distribution/Austria
    - 89-004730
- Cygnus olor
  - Banding Studies
    - 89-004729
  - Coloration
    - 89-004751
  - Distribution/Austria
    - 89-004729
  - Eggs
    - 89-004740
  - Foods/Feeding
    - 89-004740
  - Nests/Nesting
    - 89-004740
  - Overwintering
    - 89-004729
  - Productivity
    - 89-004751
- Daption capense
  - Man-made Litter
    - 89-004542
  - Plastics
    - 89-004542
- Delichon urbica
  - Flavinism
    - 89-005519

Dendragapus obscurus
Habitat Use
89-004570
Overwintering
89-004570
Roosts/Roosting
89-004570
Wildlife/Habitat Relationships
89-004570
Dendrocitta vagabunda
Hormones
89-005301
Pineal Gland
89-005301
Dendrocopos albolarvatus albolarvatus
Nesting Sites
89-005273
Nests/Nesting
89-005273
Dendrocopos borealis
Forests, Coniferous
89-005274
Habitat Use
89-005274
Predator/Prey Relationships
89-005274
Dendrocopos major
Habitat Use
89-005276
Sleep
89-005276
Dendrocopos nuttallii
Hybridization
89-005277
Dendrocopos pubescens
Bottomlands
89-005271
Feeding Sites
89-005271
Foods/Feeding
89-005271
Forests, Deciduous
89-005271
Habitat Use
89-005271
Hybridization
89-005277
Dendrocygna autumnalis
Distribution/Oklahoma
89-004707
Range Extension
89-004707
Dendroica coronata
Celestial Bodies
89-005462
Light
89-005462
Orientation/Homing
89-005462
Productivity
89-005518
Survival
89-005518
Vocalization
89-005465
Dendroica discolor
Distribution/New York
89-005512
Forestry Practices
89-005279
Habitat Use
89-005279
Nests/Nesting
89-005512
Population Ecology
89-005279
Dendroica fusca
Vocalization
89-005465
Dendroica graciae
Vocalization
89-005516
Dendroica magnolia
Vocalization
89-005465
Dendroica pensylvanica
Distribution/Utah
89-005438
Life History/General
89-005438
Dendroica petechia
Agonistic Behavior
89-005424
Polygyny
89-005424
Dendroica striata
Migration
89-005467
Dendroica tigrina
Aggressive Behavior
89-005505
Agonistic Behavior
89-005505
Food Supply
89-005505
Foods/Feeding
89-005505
Interspecies Relationships
89-005505
Migration
89-005505
Status/Canada: Manitoba
89-005525
Dendroica virens
Vocalization
89-005465
Dicaeum
Distribution/Hong Kong
89-005539
Habits/Behavior
89-005539
Dicaeum hirundinaceum
Foods/Feeding
89-005489
Seed Dispersal
89-005489
Diomedea albatrus
Paleobiology
89-004363
Status/Alaska
89-004363
Diomedea chrysostoma
Computer Use
89-005080
Data Storage/Retrieval
89-005080
Productivity
89-005080
Survival
89-005080
Diomedea exulans
Computer Use
89-005080
Data Storage/Retrieval
89-005080
Productivity
89-005080
Survival
89-005080
Diomedea immutabilis
Man-made Litter
89-004532
Plastics
89-004532
Diomedea melanophris
Computer Use
89-005080

...CONTINUED...
Diomedea melanophris
 Data Storage/Retrieval
  89-005080
 Productivity
  89-005080
 Survival
  89-005080
Diomedea nigripes
 Man-made Litter
  89-004532
 Plastics
  89-004532
Dromaius novaehollandiae
 Eggs
  89-005574
 Incubation
  89-005574
 Temperature Relationships
  89-005574
 Water Metabolism
  89-005574
Dryocopus pileatus
 Bottomlands
  89-005271
 Feeding Sites
  89-005271
 Foods/Feeding
  89-005271
 Forests, Deciduous
  89-005271
 Habitat Management
  89-003174
 Habitat Use
  89-005271
 Nests/Nesting
  89-005278
 Riparian Habitat
  89-003174
 Status/Canada: Saskatchewan
  89-005278
Dumetella carolinensis
 Distribution/Great Britain
  89-005485
 Distribution/Ireland
  89-005485
 Foods/Feeding
  89-005288
 Lyme Disease
  89-002951
 Parasites/Diseases
  89-002951
 Protozoan Diseases
  89-002951
 Range Extension
  89-005485
 Riparian Habitat
  89-005288
Egretta alba
 Chlorinated Hydrocarbons
  89-004525
 Egg Laying
  89-004811
 Eggs
  89-004811
 Food Robbing
  89-004987
 Foods/Feeding
  89-004883
  89-004987
 Habitat Surveys
  89-004977
 Habitat Use
  89-004977
 Interspecies Relationships
  89-004987
 Selenium
  89-004525

...CONTINUED...
Egretta alba
 Status/Michigan
  89-004977
Egretta garzetta
 Climate
  89-004861
 Distribution/France
  89-004860
  89-004861
 Foods/Feeding
  89-004802
  89-004804
 Habitat Management
  89-004860
 Habitat Surveys
  89-004838
 Habitat Use
  89-004838
 Nesting Sites
  89-004860
 Status/Italy
  89-004838
 Weather
  89-004861
Egretta thula
 Breeding
  89-004991
 Broods/Brooding
  89-004945
 Egg Laying
  89-004811
 Eggs
  89-004811
 Foods/Feeding
  89-004829
  89-004883
  89-004991
 Growth/Development
  89-004945
 Nests/Nesting
  89-004829
Elanoides forficatus
 Distribution/Oklahoma
  89-005223
Elanus caeruleus
 Breeding Season
  89-005130
 Distribution/Algeria
  89-004309
 Distribution/South Africa
  89-005130
Emberiza calandra
 Mating
  89-005454
 Vocalization
  89-005454
 Zoogeography
  89-005454
Emberiza hortulana
 Distribution/East Germany
  89-005503
 Status/East Germany
  89-005503
Emberiza rustica
 Distribution/Austria
  89-005548
Emberiza schoeniclus
 Distribution/East Germany
  89-005450
 Nests/Nesting
  89-005450
Empidonax alnorum
 Species Identification
  89-005445
 Vocalization
  89-005445
Empidonax difficilis
 Breeding
  89-005495

...CONTINUED...
Empidonax difficilis
  Habits/Behavior
    89-005495
Empidonax flaviventris
  Distribution/California
    89-005384
  Species Identification
    89-005384
Empidonax hammondii
  Breeding
    89-005495
  Habits/Behavior
    89-005495
Empidonax minimus
  Distribution/Colorado
    89-005484
  Nests/Nesting
    89-005484
Empidonax traillii
  Breeding
    89-005361
  Distribution/California
    89-005397
    89-005419
  Flies
    89-005353
  Grazing
    89-005538
  Habitat Use
    89-005419
  Life History/General
    89-005397
  Nesting Sites
    89-005383
  Nests/Nesting
    89-005383
    89-005538
  Parasites/Diseases
    89-005353
  Population Ecology
    89-005361
  Productivity
    89-005538
  Range Extension
    89-005383
  Riparian Habitat
    89-005397
    89-005419
    89-005538
  Species Identification
    89-005445
  Status/Canada: Manitoba
    89-005383
  Vocalization
    89-005445
  Wildlife/Habitat Relationships
    89-005538
Empidonax traillii extimus
  Endangered/Threatened Species
    89-005536
Erithacus rubecula
  Banding Studies
    89-005437
  Body Fat
    89-005437
  Migration/Sweden
    89-005437
  Physical Condition
    89-005437
Erithacus svecicus svecicus
  Breeding
    89-005506
  Distribution/Austria
    89-005506
Estrilda astrild
  Aging
    89-005343

...CONTINUED...
Estrilda astrild
  Sexing
    89-005343
Eudocimus albus
  Bioenergetics
    89-004947
  Care/Rearing of Young
    89-004821
  Creching Behavior
    89-004821
  Distribution/Florida
    89-004976
  Flight
    89-004947
  Foods/Feeding
    89-004916
    89-004947
  Predator/Prey Relationships
    89-004916
  Social Behavior
    89-004821
  Status/Florida
    89-004976
Eudocimus ruber
  Distribution/Venezuela
    89-004956
  Status/Venezuela
    89-004956
Eudyptes chrysocome
  Bioenergetics
    89-005024
  Energy Relationships
    89-005025
  Foods/Feeding
    89-005025
    89-005051
  Growth/Development
    89-005024
  Metabolism
    89-005025
  Reproduction
    89-005025
  Swimming
    89-005025
Eudyptes chrysolophus
  Bioenergetics
    89-005024
    89-005030
  Energy Relationships
    89-005025
  Foods/Feeding
    89-005025
  Growth/Development
    89-005024
  Metabolism
    89-005025
  Reproduction
    89-005025
    89-005030
  Status/Antarctica
    89-005061
  Swimming
    89-005025
Eudyptes crestatus
  Hematology
    89-005041
  Hormones
    89-005040
  Molting
    89-005040
    89-005041
  Nutrients
    89-005041
Eudyptes schlegeli
  Foods/Feeding
    89-005050
Eupodotis bengalensis
  Life History/General
    89-004931

...CONTINUED...
- Eupodotis bengalensis
  - Management/India
    - 89-004931
  - Status/India
    - 89-004931
- Eurylaimidae
  - Evolution
    - 89-005290
  - Legs
    - 89-005290
- Eurystomus orientalis
  - Habits/Behavior
    - 89-005582
  - Nests/Nesting
    - 89-005582
- Euscarthmus meloryphus
  - Distribution/Argentina
    - 89-005372
- Falco biarmicus
  - Breeding Season
    - 89-005152
  - Desert Habitat
    - 89-005152
  - Distribution/Africa: Sahara Desert
    - 89-005152
  - Distribution/Israel
    - 89-005252
  - Foods/Feeding
    - 89-005152
  - Life History/General
    - 89-005252
- Falco columbarius
  - Predation
    - 89-004555
    - 89-004562
  - Status/Minnesota
    - 89-005166
  - Vocalization
    - 89-004555
- Falco concolor
  - Life History/General
    - 89-005149
  - Status/Saudi Arabia
    - 89-005149
- Falco eleonorae
  - Foods/Feeding
    - 89-005230
  - Migration
    - 89-005230
  - Predator/Prey Relationships
    - 89-005230
- Falco fasciinucha
  - Distribution/Uganda
    - 89-005229
- Falco longipennis
  - Displays
    - 89-004463
  - Interspecies Relationships
    - 89-004463
  - Mobbing
    - 89-004463
- Falco mexicanus
  - Habits/Behavior
    - 89-005148
  - Overwintering
    - 89-005148
- Falco naumanni
  - Foods/Feeding
    - 89-005228
- Falco peregrinus
  - Chlorinated Hydrocarbons
    - 89-004508
  - Distribution/Iowa
    - 89-005159
  - Distribution/Wisconsin
    - 89-005225

...CONTINUED...
- Falco peregrinus
  - Eggshell Thinning
    - 89-004508
  - Food Supply
    - 89-004560
  - Foods/Feeding
    - 89-004508
    - 89-005091
    - 89-005132
    - 89-005199
  - Home Range/Territory
    - 89-005210
  - Mortality
    - 89-005159
  - Nesting Sites
    - 89-005240
  - Nests/Nesting
    - 89-005210
    - 89-005225
  - Pesticides
    - 89-004508
  - Population Ecology
    - 89-005199
  - Predation
    - 89-004560
  - Reproduction
    - 89-005240
  - Sexual Maturity
    - 89-005240
  - Status/Minnesota
    - 89-005166
    - 89-005240
  - Status/New York
    - 89-005194
  - Stocking/Transplanting
    - 89-005089
    - 89-005225
  - Urban Habitat
    - 89-005089
    - 89-005091
    - 89-005225
  - Vitamins
    - 89-005132
  - Weather
    - 89-005210
- Falco rupicoloides
  - Life History/General
    - 89-005108
  - Status/Namibia
    - 89-005108
- Falco rusticolus
  - Damage by Wildlife
    - 89-005239
  - Distribution/East Germany
    - 89-005203
  - Foods/Feeding
    - 89-005199
  - Population Ecology
    - 89-005199
  - Poultry
    - 89-005239
  - Predation
    - 89-005239
- Falco sparverius
  - Status/Minnesota
    - 89-005166
- Falco tinnunculus
  - Food Supply
    - 89-005133
    - 89-005190
  - Interspecies Relationships
    - 89-004478
  - Morphology
    - 89-005133
  - Physical Condition
    - 89-005190
  - Predator/Prey Relationships
    - 89-004478

...CONTINUED...
Falco tinnunculus
  Reproduction
    89-005133
    89-005190
Falco vespertinus
  Distribution/East Germany
    89-005175
  Distribution/Malawi
    89-005085
Ficedula albicollis
  Breeding
    89-005474
  Density
    89-004483
  Dispersal
    89-005474
  Interspecies Relationships
    89-004483
  Photoperiodism
    89-005413
  Population Ecology
    89-005474
Ficedula hypoleuca
  Bioenergetics
    89-004446
  Photoperiodism
    89-005413
  Polygyny
    89-005517
  Reproduction
    89-004446
Ficedula parva
  Distribution/Switzerland
    89-005521
Francolinus
  Feet
    89-004581
  Spurs
    89-004581
Fratercula arctica
  Predators
    89-002959
  Propagation
    89-004858
  Status/Canada: Newfoundland
    89-002959
  Zoos
    89-004858
Fregata magnificens
  Distribution/Puerto Rico
    89-005060
  Status/Puerto Rico
    89-005060
Fregetta grallaria
  Distribution/Africa
    89-005044
Fringilla coelebs
  Habitat Use
    89-005417
  Home Range/Territory
    89-005417
  Telemetry
    89-005417
  Territorial Defense
    89-005417
  Vocalization
    89-005417
Fringilla montifringilla
  Distribution/Finland
    89-004314
  Foods/Feeding
    89-004314
  Habits/Behavior
    89-005442
  Injuries
    89-005442
  Taiga
    89-004314
Fulica americana
  Accidents
    89-004469
  Breeding Season
    89-004617
  Mortality
    89-004469
Fulica americana alai
  Distribution/Hawaii
    89-004648
  Status/Hawaii
    89-004648
Fulica atra
  Aircraft
    89-004550
  Boats
    89-003269
  Chlorinated Hydrocarbons
    89-004517
  Damage by Wildlife
    89-004550
  Disturbances
    89-003269
  Food Supply
    89-004615
  Foods/Feeding
    89-004615
  Heavy Metals
    89-004517
  Interspecies Relationships
    89-004615
  Migration
    89-004620
  Overwintering
    89-004620
  Polychlorinated Biphenyls
    89-004517
  Recreational Activities
    89-003269
  Status/West Germany
    89-004620
Fulica caribaea
  Distribution/North America
    89-004965
  Status/North America
    89-004965
Fulmarus glacialis
  Age/Sex Ratios
    89-005056
  Distribution/Alaska
    89-005045
  Distribution/Pacific Ocean
    89-005045
  Foods/Feeding
    89-005045
  Habits/Behavior
    89-005046
  Productivity
    89-005046
Fulmarus glacialoides
  Man-made Litter
    89-004542
  Plastics
    89-004542
Galerida cristata
  Foods/Feeding
    89-005491
  Tools
    89-005491
Gallinago gallinago
  Agricultural Practices
    89-004773
    89-004866
  Density
    89-004773
  Grasslands
    89-004773

...CONTINUED...
- Gallinago gallinago
  - Habitat Management
    - 89-004866
  - Habitat Use
    - 89-004773
  - Habits/Behavior
    - 89-004948
  - Perching Sites
    - 89-004948
  - Reproduction
    - 89-004773
- Gallinago media
  - Disturbances
    - 89-004932
  - Egg Moving
    - 89-004932
  - Nests/Nesting
    - 89-004932
- Gallinula chloropus
  - Infanticide
    - 89-004898
  - Productivity
    - 89-004851
  - Reproduction
    - 89-004851
- Gampsonyx swainsonii swainsonii
  - Distribution/Argentina
    - 89-005118
  - Life History/General
    - 89-005118
- Garrulax perspicillatus
  - Predators
    - 89-004552
- Gavia adamsii
  - Breeding Season
    - 89-004759
  - Productivity
    - 89-004759
  - Reproduction
    - 89-004759
- Gavia arctica
  - Breeding
    - 89-004761
  - Distribution/East Germany
    - 89-004761
- Gavia immer
  - Agonistic Behavior
    - 89-004754
  - Breeding Season
    - 89-004628
  - Broods/Brooding
    - 89-004766
  - Care/Rearing of Young
    - 89-004766
  - Distribution/Canada: Quebec
    - 89-004628
  - Distribution/East Germany
    - 89-004753
    - 89-004764
  - Distribution/Wisconsin
    - 89-004765
  - Floods
    - 89-004763
  - Foods/Feeding
    - 89-004754
    - 89-004766
  - Fratricide
    - 89-004754
  - Habitat Use
    - 89-004628
  - Islands
    - 89-004763
  - Nests/Nesting
    - 89-004763
  - Productivity
    - 89-004763
  - Reproduction
    - 89-004763

...CONTINUED...
- Gavia immer
  - Social Behavior
    - 89-004754
  - Status/East Germany
    - 89-004764
  - Status/Wisconsin
    - 89-004765
  - Water Level
    - 89-004763
- Gavia stellata
  - Status/Lake Superior
    - 89-004757
  - Status/Minnesota
    - 89-004757
- Gaviidae
  - Distribution/North America
    - 89-004619
  - Life History/General
    - 89-004619
- Gelochelidon nilotica
  - Species Identification
    - 89-005002
- Geospiza
  - Evolution
    - 89-005411
  - Life History/General
    - 89-005411
- Geospiza difficilis
  - Taxonomy
    - 89-005537
- Geospiza fortis
  - Evolution
    - 89-005405
  - Intraspecies Relationships
    - 89-005405
  - Life History/General
    - 89-005405
  - Population Ecology
    - 89-005405
- Geospiza fuliginosa
  - Taxonomy
    - 89-005537
- Gorsachius leuconotus
  - Distribution/Malawi
    - 89-004842
  - Habits/Behavior
    - 89-004785
- Gruidae
  - Inclusion Body Disease
    - 89-004816
  - Parasites/Diseases
    - 89-004816
  - Viral Diseases
    - 89-004816
- Grus
  - Distribution/North America
    - 89-004917
  - Management/North America
    - 89-004917
  - Status/North America
    - 89-004917
- Grus americana
  - Endangered/Threatened Species
    - 89-004903
  - Status/Canada: Alberta
    - 89-004903
- Grus antigone
  - Distribution/Australia: Western Australia
    - 89-004995
- Grus canadensis
  - Age Ratio
    - 89-004994
  - Eastern Equine Encephalitis
    - 89-004918
  - Habitat Use
    - 89-004841

...CONTINUED...
Grus canadensis
  Home Range/Territory
    89-004918
  Ice
    89-004841
  Migration
    89-004918
  Movements
    89-004918
  Overwintering
    89-004918
  Parasites/Diseases
    89-004918
  Reproduction
    89-004918
  Roosts/Roosting
    89-004841
  Sexual Maturity
    89-004994
  Winter
    89-004841
Grus canadensis pratensis
  Distribution/Georgia
    89-004780
  Population Ecology
    89-004780
Grus canadensis pulla
  Foods/Feeding
    89-005016
  Habitat Use
    89-005016
  Management/Mississippi
    89-005016
  Stocking/Transplanting
    89-005016
Grus canadensis tabida
  Clutches
    89-004908
  Distribution/Georgia
    89-004779
  Nesting Sites
    89-004831
  Nests/Nesting
    89-004831
    89-004908
  Overwintering
    89-004779
  Productivity
    89-004908
  Reproduction
    89-004954
  Sexual Maturity
    89-004954
  Swamps
    89-004779
Grus grus
  Distribution/Algeria
    89-004309
  Distribution/Italy
    89-004795
Grus grus grus
  Propagation
    89-004957
Grus japonensis
  Morphology
    89-004805
  Osteology
    89-004805
  Taxonomy
    89-004805
Grus leucogeranus
  Morphology
    89-004805
  Osteology
    89-004805
  Taxonomy
    89-004805
Grus monacha
  Morphology
    89-004805
  Osteology
    89-004805
  Taxonomy
    89-004805
Grus vipio
  Morphology
    89-004805
  Osteology
    89-004805
  Taxonomy
    89-004805
Gymnogyps californianus
  Life History/General
    89-005227
  Propagation
    89-005227
Gymnorhinus cyanocephala
  Climate
    89-005319
  Life History/General
    89-005319
  Social Behavior
    89-005319
Gyps fulvus
  Distribution/Italy
    89-005212
Gyps rueppellii
  Digestion
    89-002925
  Foods/Feeding
    89-002925
Haematopus ostralegus
  Aggressive Behavior
    89-004479
  Disturbances
    89-005005
  Food Supply
    89-004784
  Foods/Feeding
    89-004784
    89-004800
  Interspecies Relationships
    89-004479
  Social Behavior
    89-004784
  Status/Scotland
    89-005005
Haematopus palliatus
  Distribution/Idaho
    89-004990
  Range Extension
    89-004990
Haliaeetus albicilla
  DDE
    89-004507
  Eggshell Thinning
    89-004507
  Polychlorinated Biphenyls
    89-004507
Haliaeetus leucocephalus
  Aggressive Behavior
    89-004476
  Aging
    89-005186
  Breeding Season
    89-005248
  Computer Use
    89-005154
  Distribution/Mexico: Sonora
    89-005107
  Distribution/Minnesota
    89-005101
  Habitat Management
    89-005154

...CONTINUED...
Haliaeetus leucocephalus
Intraspecies Relationships
89-005146
Management/Arizona
89-005154
Mating
89-005147
Modeling
89-005154
Molting
89-005186
Nesting Sites
89-005084
89-005101
Nests/Nesting
89-005084
89-005101
89-005107
89-005248
Power Lines
89-005101
Restoration
89-005146
Stocking/Transplanting
89-005146
Haliaeetus leucogaster
Baits/Attractants
89-005161
Capturing Methods
89-005161
Haliaeetus vocifer
Aggressive Behavior
89-005180
Food Robbing
89-002961
Growth/Development
89-005234
Interspecies Relationships
89-002961
89-005180
Nestlings
89-005234
Predation
89-002961
Halietor melanoleucos
Foods/Feeding
89-005031
Helmitheros vermivorus
Status/Minnesota
89-005354
Heteroscelus brevipes
Species Identification
89-004946
Heteroscelus incanus
Species Identification
89-004946
Status/Washington
89-004946
Hieraaetus dubius
Breeding
89-005131
Distribution/Kenya
89-005131
Hieraaetus fasciatus
Foods/Feeding
89-005226
Himantopus mexicanus knudseni
Distribution/Hawaii
89-004648
Status/Hawaii
89-004648
Hippolais pallida
Distribution/West Germany
89-005483
Urban Habitat
89-005483
Hirundo atrocaerulea
Courtship Behavior
89-005391

...CONTINUED...
Hirundo atrocaerulea
Displays
89-005391
Flight
89-005391
Hirundo rustica
Colonial Nesting
89-005509
Habits/Behavior
89-005448
Intraspecies Relationships
89-005509
Lakes
89-005446
Nesting Sites
89-005446
Nests/Nesting
89-005446
89-005509
Roosts/Roosting
89-005448
Histrionicus histrionicus
Distribution/North America
89-004688
Overwintering
89-004688
Hydranassa ardesiaca
Distribution/South Africa
89-004925
Hydranassa caerulea
Foods/Feeding
89-004829
Nests/Nesting
89-004829
Hydranassa tricolor
Breeding
89-004991
Disturbances
89-004843
Foods/Feeding
89-004883
89-004991
Nests/Nesting
89-004843
Productivity
89-004843
Hydroprogne caspia
Altruism
89-004953
Breeding
89-004953
Care/Rearing of Young
89-004953
DDE
89-004537
Dioxin
89-004522
Distribution/California
89-004879
Foods/Feeding
89-004953
Furan
89-004522
Home Range/Territory
89-004953
Life History/General
89-004879
Migration
89-004904
Modeling
89-004953
Orientation/Homing
89-004904
Polychlorinated Biphenyls
89-004522
Productivity
89-004537

...CONTINUED...
Hydroprogne caspia
  Seasonal Activities
    89-004904
  Sexual Dimorphism
    89-004953
  Status/California
    89-004879
Ixobrychus cinnamomeus
  Displays
    89-004906
  Life History/General
    89-004906
  Vocalization
    89-004906
Jacana jacana
  Infanticide
    89-004832
  Polyandry
    89-004832
Jacana spinosa
  Distribution/Texas
    89-005009
Junco hyemalis
  Care/Rearing of Young
    89-005549
Junco phaeonotus
  Age Ratio
    89-005522
  Mortality
    89-005522
  Predators
    89-005522
  Starvation
    89-005522
Jynx torquilla
  Clutches
    89-004467
  Nesting Sites
    89-004467
  Nests/Nesting
    89-004467
Kaupifalco monogrammicus
  Coloration
    89-005104
Ketupa blakistoni
  Habitat Alterations
    89-005105
  Life History/General
    89-005105
  Management/Japan
    89-005105
Lagopus lagopus scoticus
  Habitat Use
    89-004567
  Orientation/Homing
    89-004567
Lanius
  Foods/Feeding
    89-005464
  Killing Methods
    89-005464
  Predation
    89-005464
Lanius cabanisi
  Interspecies Relationships
    89-004460
Lanius collurio
  Breeding
    89-005490
  Breeding Season
    89-005490
Lanius excubitor
  Foods/Feeding
    89-005431
    89-005553
  Killing Methods
    89-005553
...CONTINUED...
Lanius excubitor
  Polygyny
    89-005553
  Species Identification
    89-005340
  Winter
    89-005431
Lanius ludovicianus
  Distribution/Indiana
    89-005363
  Distribution/Maryland
    89-005380
  Foods/Feeding
    89-004469
  Nests/Nesting
    89-005380
  Scavengers
    89-004469
  Species Identification
    89-005340
  Status/Indiana
    89-005363
Lanius minor
  Distribution/Italy
    89-005497
  Life History/General
    89-005497
Laridae
  Avicides
    89-004557
  Control
    89-004557
  Damage by Wildlife
    89-004557
  Foods/Feeding
    89-004475
  Habitat Use
    89-004459
  Interspecies Relationships
    89-004459
    89-004475
  Predation
    89-004557
  Predator/Prey Relationships
    89-004459
Larus argentatus
  Age Ratio
    89-004787
  Albinism
    89-004814
  Carbofuran
    89-004519
  Defensive Behavior
    89-004895
  Distribution/Illinois
    89-004968
  Disturbances
    89-004895
  Feeding Sites
    89-004803
  Fensulfothion
    89-004519
  Food Supply
    89-004521
  Foods/Feeding
    89-004787
    89-004803
  Habitat Use
    89-004803
  Habits/Behavior
    89-004968
  Hematology
    89-004875
  Hybridization
    89-004939
  Islands
    89-004521

...CONTINUED...
Larus argentatus
  Movements
    89-004968
  Overwintering
    89-004968
  Predation
    89-004558
    89-004561
  Predator/Prey Relationships
    89-004558
  Predators
    89-002959
  Reproduction
    89-004521
  Species Identification
    89-004815
  Status/Canada: Newfoundland
    89-002959
  Stress
    89-004521
Larus atricilla
  Predation
    89-004953
Larus audouinii
  Chlorinated Hydrocarbons
    89-004520
  Coloration
    89-004909
  DDE
    89-004520
  Heavy Metals
    89-004520
  Mercury
    89-004520
  Plumage
    89-004909
  Polychlorinated Biphenyls
    89-004520
  Selenium
    89-004520
Larus cachinnans
  Foods/Feeding
    89-004512
  Habits/Behavior
    89-004512
  Pollution
    89-004512
  Species Identification
    89-004815
Larus californicus
  Carbofuran
    89-004519
  Distribution/California
    89-004882
    89-005013
  Fensulfothion
    89-004519
  History/California
    89-004882
  Mortality
    89-004881
  Nests/Nesting
    89-004881
  Parasites/Diseases
    89-004984
  Population Ecology
    89-005013
  Status/California
    89-004882
    89-005013
  Ticks
    89-004984
  Viral Diseases
    89-004984
Larus canus
  Age Ratio
    89-004980

...CONTINUED...
Larus canus
  Breeding
    89-004781
  Defensive Behavior
    89-004895
  Distribution/Austria
    89-004781
  Distribution/Idaho
    89-005007
  Disturbances
    89-004895
  Migration/Netherlands
    89-004897
  Overwintering
    89-004980
  Range Extension
    89-005007
Larus crassirostris
  Distribution/Australia: Victoria
    89-004827
  Foods/Feeding
    89-004626
  Habitat Use
    89-004626
  Islands
    89-004626
  Nests/Nesting
    89-004626
  Range Extension
    89-004827
Larus delawarensis
  Breeding Season
    89-005014
  Cherries
    89-004783
  Coprophagy
    89-004786
  Damage by Wildlife
    89-004783
  Distribution/Galapagos Islands
    89-004998
  Distribution/Illinois
    89-004968
  Egg Laying
    89-005014
  Food Robbing
    89-004486
  Foods/Feeding
    89-004786
  Habits/Behavior
    89-004968
  Hatching
    89-005014
  Interspecies Relationships
    89-004486
  Islands
    89-004998
  Movements
    89-004968
  Nests/Nesting
    89-004840
  Orchards
    89-004783
  Overwintering
    89-004968
  Range Extension
    89-004998
  Status/Wyoming
    89-004840
Larus dominicanus
  Distribution/Antarctica
    89-004774
  Foods/Feeding
    89-004873
  Osmoregulation
    89-004854
  Salt Gland
    89-004855

...CONTINUED...
- Larus dominicanus
  - Status/Antarctica
    - 89-004774
  - Water Metabolism
    - 89-004855
- Larus fuscus
  - Distribution/East Germany
    - 89-004964
  - Migration/Belgium
    - 89-004905
  - Species Identification
    - 89-004815
- Larus genei
  - Range Extension
    - 89-004826
  - Status/Switzerland
    - 89-004826
- Larus glaucescens
  - Habitat Use
    - 89-005001
  - Nesting Sites
    - 89-005001
  - Nests/Nesting
    - 89-005001
  - Population Ecology
    - 89-005000
  - Status/Canada: British Columbia
    - 89-005000
- Larus hyperboreus
  - Hybridization
    - 89-004939
- Larus ichthyaetus
  - Hatching
    - 89-005017
  - Mortality
    - 89-005017
  - Nests/Nesting
    - 89-005017
- Larus marinus
  - Defensive Behavior
    - 89-004895
  - Disturbances
    - 89-004895
  - Food Supply
    - 89-004521
  - Head
    - 89-004988
  - Islands
    - 89-004521
  - Migration/Belgium
    - 89-004905
  - Predation
    - 89-004558
  - Predator/Prey Relationships
    - 89-004558
  - Reproduction
    - 89-004521
  - Species Identification
    - 89-004815
  - Stress
    - 89-004521
- Larus modestus
  - Reproduction
    - 89-004857
  - Weather
    - 89-004857
- Larus philadelphia
  - Plumage
    - 89-004828
- Larus pipixcan
  - Distribution/Australia: Queensland
    - 89-004808
  - Distribution/Australia: Western Australia
    - 89-004940
- Larus ridibundus
  - Aircraft
    - 89-004550

...CONTINUED...
- Larus ridibundus
  - Chlorinated Hydrocarbons
    - 89-004517
  - Damage by Wildlife
    - 89-004550
  - Food Robbing
    - 89-004987
  - Foods/Feeding
    - 89-004512
    - 89-004850
    - 89-004987
  - Habits/Behavior
    - 89-004512
  - Heavy Metals
    - 89-004517
  - Interspecies Relationships
    - 89-004987
  - Pollution
    - 89-004512
  - Polychlorinated Biphenyls
    - 89-004517
- Leipoa ocellata
  - Metabolism
    - 89-004602
- Leucopsar rothschildi
  - Life History/General
    - 89-005300
  - Propagation
    - 89-005327
  - Restoration
    - 89-005300
  - Zoos
    - 89-005327
- Leucosticte arctoa
  - Adaptation
    - 89-005369
  - Altitude
    - 89-005369
  - Hematology
    - 89-005369
  - Metabolism
    - 89-005369
  - Respiration
    - 89-005369
- Limnodromus griseus
  - Distribution/East Germany
    - 89-004864
- Limosa lapponica
  - Aggressive Behavior
    - 89-004479
  - Distribution/West Germany
    - 89-004950
  - Interspecies Relationships
    - 89-004479
  - Life History/General
    - 89-004950
  - Migration/West Germany
    - 89-004950
  - Overwintering
    - 89-004950
- Lonchura striata
  - Mating
    - 89-005367
  - Vocalization
    - 89-005367
- Lophophorus lhuysii
  - Artificial Insemination
    - 89-004589
  - Foods/Feeding
    - 89-004590
  - Habitat Use
    - 89-004590
  - Life History/General
    - 89-004590
  - Overwintering
    - 89-004590
  - Population Ecology
    - 89-004590

...CONTINUED...
Lophophorus lhuysii
Propagation
89-004589
89-004592
Reproduction
89-004590
Zoos
89-004589
89-004592
Loxia curvirostra
Migration/Minnesota
89-005429
Status/Minnesota
89-005429
Macronectes giganteus
Courtship Behavior
89-005023
Manorina melanophrys
Altruism
89-005366
Broods/Brooding
89-005366
Care/Rearing of Young
89-005366
Melanerpes carolinus
Bottomlands
89-005271
Feeding Sites
89-005271
Foods/Feeding
89-005271
Forests, Deciduous
89-005271
Habitat Use
89-005271
Interspecies Relationships
89-004473
Nesting Sites
89-004473
Nests/Nesting
89-004473
Melanerpes erythrocephalus
Bottomlands
89-005271
Feeding Sites
89-005271
Foods/Feeding
89-005271
Forests, Deciduous
89-005271
Habitat Use
89-005271
Interspecies Relationships
89-004473
Nesting Sites
89-004473
Nests/Nesting
89-004473
Melanerpes rubricapillus
Roosts/Roosting
89-005269
Melanitta nigra
Migration/Denmark
89-004709
Melanospiza richardsoni
Life History/General
89-005532
Status/St. Lucia
89-005532
Meleagris gallopavo
Foods/Feeding
89-004600
Habitat Use
89-004600
Movements
89-004600
Parasites/Diseases
89-004599

...CONTINUED...
Meleagris gallopavo
Protozoan Diseases
89-004599
Rickettsiae
89-004599
Transmission of Disease
89-004599
Meleagris gallopavo silvestris
Habitat Use
89-004598
89-004601
Winter
89-004601
Melierax canorus
Foods/Feeding
89-002933
Interspecies Relationships
89-002933
Melopsittacus undulatus
Antibiotics
89-005560
Auditory Sense
89-005560
Parasites/Diseases
89-005560
Mergus merganser
Distribution/Scotland
89-004677
Distribution/United States, Southeastern
89-004695
History/United States, Southeastern
89-004695
Life History/General
89-004677
Status/Scotland
89-004677
Mergus serrator
Distribution/Scotland
89-004677
Life History/General
89-004677
Status/Scotland
89-004677
Merops apiaster
Nests/Nesting
89-005573
Range Extension
89-005573
Micrastur gilvicollis
Capturing Methods
89-005170
Telemetry
89-005170
Milvus migrans
Foods/Feeding
89-004475
89-005200
89-005249
Habits/Behavior
89-005249
Interspecies Relationships
89-004475
Predation
89-004552
Milvus milvus
Breeding
89-005206
Dispersal
89-005206
Foods/Feeding
89-005249
Habits/Behavior
89-005249
Sexual Maturity
89-005206

...CONTINUED...
Milvus milvus
  Survival
    89-005206
Mimus polyglottos
  Care/Rearing of Young
    89-005554
  Distribution/Canada: Alberta
    89-005433
  Fledging
    89-005554
  Foods/Feeding
    89-005494
  Home Range/Territory
    89-005494
  Life History/General
    89-005390
  Nests/Nesting
    89-005554
  Renesting
    89-005554
  Winter
    89-005494
Molothrus ater
  Altitude
    89-005308
  Distribution/Colorado
    89-005308
  Interspecies Relationships
    89-004458
  Management/California
    89-004458
  Nest Parasitism
    89-004458
    89-005318
  Population Control
    89-004458
Molothrus ater artemisiae
  Management/California
    89-005315
  Riparian Habitat
    89-005315
  Status/California
    89-005315
Molothrus ater ater
  Vocalization
    89-005313
Molothrus ater obscurus
  Management/California
    89-005315
  Riparian Habitat
    89-005315
  Status/California
    89-005315
Morus bassanus
  Banding Studies
    89-005020
  Dispersal
    89-005020
  Migration/Norway
    89-005020
  Predators
    89-002959
  Status/Canada: Newfoundland
    89-002959
Motacilla alba yarrellii
  Interspecies Relationships
    89-004464
    89-004465
  Nest Parasitism
    89-004464
    89-004465
Motacilla citreola
  Distribution/Austria
    89-005352
Motacilla clara
  Breeding
    89-005480

...CONTINUED...
Motacilla clara
  Home Range/Territory
    89-005480
  Survival
    89-005480
Muscivora forficata
  Status/Minnesota
    89-005526
Mycteria americana
  Age Ratio
    89-005003
  Agonistic Behavior
    89-004791
  Bioenergetics
    89-004810
  Food Supply
    89-004810
  Foods/Feeding
    89-004819
    89-005003
  Habitat Use
    89-004819
  Habits/Behavior
    89-004791
  Intraspecies Relationships
    89-004791
  Nests/Nesting
    89-004791
  Productivity
    89-004791
  Reproduction
    89-004810
Nectarinia afra
  Species Identification
    89-005468
Nectarinia habessinica
  Longevity
    89-005410
Nectarinia mediocris
  Species Identification
    89-005468
Nectarinia osea
  Breeding
    89-005407
  Infanticide
    89-005408
    89-005409
  Life History/General
    89-005407
  Mating
    89-005408
  Mobbing
    89-005408
Nectarinia osea osea
  Breeding
    89-005556
  Distribution/Israel
    89-005556
  Nests/Nesting
    89-005556
Nectarinia venusta
  Longevity
    89-005410
Nectariniidae
  Bioenergetics
    89-005486
  Body Temperature
    89-005486
  Metabolism
    89-005486
Neophema chrysogaster
  Propagation
    89-005563
Neophema pulchella
  Distribution/Australia: Victoria
    89-005571
Neophron percnopterus
  Digestion
    89-002925

...CONTINUED...
Neophron percnopterus
  Eggs
    89-005237
  Foods/Feeding
    89-002925
    89-005177
    89-005237
  Tools
    89-005237
Nesomimus parvulus
  Breeding
    89-005377
  Reproduction
    89-005377
  Social Behavior
    89-005377
Netta rufina
  Distribution/Sweden
    89-004692
  Status/Sweden
    89-004692
Notocarbo bransfieldensis
  Paleobiology
    89-005067
  Taxonomy
    89-005067
Numenius
  Agricultural Practices
    89-004773
  Density
    89-004773
  Grasslands
    89-004773
  Habitat Use
    89-004773
  Reproduction
    89-004773
Numenius americanus
  Distribution/Maryland
    89-005012
  Migration/Minnesota
    89-004894
  Status/Minnesota
    89-004894
Numenius arquata
  Disturbances
    89-005005
  Status/Scotland
    89-005005
Numida meleagris
  Muscles
    89-004606
Nyctea scandiaca
  Diurnal Rhythm
    89-005103
  Islands
    89-005195
  Movements
    89-005103
  Overwintering
    89-005103
  Predator/Prey Relationships
    89-005103
  Status/Arctic Ocean
    89-005195
  Status/Canada: Northwest
  Territories
    89-005195
Nycticorax nycticorax
  Chlorinated Hydrocarbons
    89-004525
  Climate
    89-004861
  Distribution/France
    89-004860
    89-004861
  Distribution/Italy
    89-004923

...CONTINUED...
Nycticorax nycticorax
  Egg Laying
    89-004811
  Eggs
    89-004811
  Foods/Feeding
    89-004834
  Habitat Management
    89-004860
  Habitat Surveys
    89-004838
  Habitat Use
    89-004834
    89-004838
  Industrialization
    89-004834
  Nesting Sites
    89-004860
  Nests/Nesting
    89-004923
  Selenium
    89-004525
  Status/Italy
    89-004838
  Weather
    89-004861
Nycticorax violaceus
  Distribution/Oklahoma
    89-004975
  Disturbances
    89-005006
  Productivity
    89-005006
  Stocking/Transplanting
    89-005006
  Urban Habitat
    89-005006
Nymphicus hollandicus
  Reproduction
    89-005572
Oceanites oceanicus
  Breeding
    89-005075
  Breeding Season
    89-005075
  Foods/Feeding
    89-005075
  Man-made Litter
    89-004542
  Nests/Nesting
    89-005075
  Plastics
    89-004542
Oceanodroma leucorhoa
  Digestion
    89-005034
  Distribution/France
    89-005049
  Foods/Feeding
    89-005034
  Lice
    89-005038
  Orientation/Homing
    89-005063
  Parasites/Diseases
    89-005038
  Predators
    89-002959
  Status/Canada: Newfoundland
    89-002959
  Status/France
    89-005049
Oceanodroma monorhis
  Foods/Feeding
    89-004626
  Habitat Use
    89-004626

...CONTINUED...
Oceanodroma monorhis
Islands
89-004626
Nests/Nesting
89-004626
Ocyphaps lophotes
Life History/General
89-004611
Oenanthe oenanthe
Bioenergetics
89-005463
Migration/East Germany
89-005493
Nests/Nesting
89-005463
Status/East Germany
89-005493
Onychognathus morio morio
Bills
89-005302
Molting
89-005302
Tails
89-005302
Wings
89-005302
Zoogeography
89-005302
Onychognathus morio neumanni
Bills
89-005302
Molting
89-005302
Tails
89-005302
Wings
89-005302
Zoogeography
89-005302
Onychognathus morio rueppellii
Bills
89-005302
Molting
89-005302
Tails
89-005302
Wings
89-005302
Zoogeography
89-005302
Onychognathus morio shelleyi
Bills
89-005302
Molting
89-005302
Tails
89-005302
Wings
89-005302
Zoogeography
89-005302
Opisthocomus hoazin
Muscles
89-004607
Oporornis formosus
Status/Minnesota
89-005475
Oporornis philadelphia
Plumage
89-005482
Tails
89-005482
Taxonomy
89-005482
Vocalization
89-005482
Oporornis tolmiei
Plumage
89-005482

...CONTINUED...
Oporornis tolmiei
Tails
89-005482
Taxonomy
89-005482
Vocalization
89-005482
Ortygospiza atricollis
Distribution/Malawi
89-005338
Otis tarda
Population Ecology
89-004890
Status/East Germany
89-004890
Otus asio
Brodifacoum
89-004506
Nontarget Organisms
89-004506
Rodenticides
89-004506
Otus brucei
Distribution/Turkey
89-005243
Otus flammeolus
Distribution/California
89-005116
Islands
89-005116
Oxyura jamaicensis
Breeding Season
89-004617
Food Supply
89-004718
Foods/Feeding
89-004717
89-004718
Habitat Use
89-004717
Pachyramphus rufus rufus
Distribution/Argentina
89-005374
Pagodroma nivea
Man-made Litter
89-004542
Plastics
89-004542
Pandion haliaetus
Inbreeding
89-005217
Injuries
89-005112
Life History/General
89-005233
Mating
89-005099
Parasites/Diseases
89-005112
Rehabilitation
89-005112
Treatment
89-005112
Parabuteo unicinctus
Flight
89-005213
Telemetry
89-005213
Paradisaeidae
Propagation
89-005427
Zoos
89-005427
Paradoxornis flavirostris
Taxonomy
89-005365
Paradoxornis guttaticollis
Taxonomy
89-005365

- Parula americana
  - Vocalization
    - 89-005465
- Parulidae
  - Distribution/Virgin Islands
    - 89-005476
  - Islands
    - 89-005476
  - Status/Virgin Islands
    - 89-005476
- Parus caeruleus
  - Bioenergetics
    - 89-004446
  - Density
    - 89-004483
  - Food Supply
    - 89-005500
  - Foods/Feeding
    - 89-005500
  - Interspecies Relationships
    - 89-004483
  - Nesting Sites
    - 89-004484
    - 89-005379
  - Nests/Nesting
    - 89-004484
    - 89-005379
  - Reproduction
    - 89-004446
  - Supplemental Feeding
    - 89-005500
  - Winter
    - 89-005500
- Parus cinctus
  - Distribution/Finland
    - 89-004314
  - Foods/Feeding
    - 89-004314
  - Taiga
    - 89-004314
- Parus cristatus
  - Broods/Brooding
    - 89-005395
  - Clutches
    - 89-005395
- Parus inornatus
  - Vocalization
    - 89-005432
- Parus major
  - Altitude
    - 89-005416
  - Bioenergetics
    - 89-004446
    - 89-005449
  - Body Fat
    - 89-005511
  - Clutches
    - 89-004467
    - 89-005342
    - 89-005416
  - Density
    - 89-004483
  - Eggs
    - 89-005416
  - Food Supply
    - 89-005500
  - Foods/Feeding
    - 89-005500
  - Growth/Development
    - 89-005511
  - Habits/Behavior
    - 89-005449
  - Hormones
    - 89-005511
  - Interspecies Relationships
    - 89-004483
  - Metabolism
    - 89-005511

...CONTINUED...

- Parus major
  - Nesting Sites
    - 89-004467
    - 89-005357
    - 89-005552
  - Nests/Nesting
    - 89-004467
    - 89-005342
    - 89-005552
  - Overwintering
    - 89-005470
  - Photoperiodism
    - 89-005449
  - Population Ecology
    - 89-005470
  - Reproduction
    - 89-004446
  - Supplemental Feeding
    - 89-005470
    - 89-005500
  - Survival
    - 89-005470
  - Winter
    - 89-005500
- Parus montanus
  - Body Fat
    - 89-005511
  - Flocks
    - 89-005425
  - Growth/Development
    - 89-005511
  - Hormones
    - 89-005511
  - Metabolism
    - 89-005511
  - Social Behavior
    - 89-005425
    - 89-005440
  - Survival
    - 89-005440
  - Winter
    - 89-005440
- Parus palustris
  - Food Supply
    - 89-005500
  - Foods/Feeding
    - 89-005500
  - Supplemental Feeding
    - 89-005500
  - Winter
    - 89-005500
- Parus varius
  - Seed Dispersal
    - 89-005496
- Passer domesticus
  - Diurnal Rhythm
    - 89-005488
  - Flocks
    - 89-005359
  - Foods/Feeding
    - 89-005359
  - Parasites/Diseases
    - 89-004519
  - Photoperiodism
    - 89-005488
  - Salmonellosis
    - 89-004519
  - Sex Ratio
    - 89-005359
  - Sleep
    - 89-005488
  - Social Behavior
    - 89-005488
- Passer domesticus italiae
  - Abnormalities
    - 89-005400
  - Coloration
    - 89-005400

...CONTINUED...
Passer domesticus italiae
Hermaphroditism
89-005400
Plumage
89-005400
Passer griseus
Distribution/South Africa
89-005376
Passer hispaniolensis
Status/Bulgaria
89-005387
Passerina cyanea
Life History/General
89-005514
Migration
89-005514
Pelecanus crispus
Endangered/Threatened Species
89-005028
Mortality
89-005028
Power Lines
89-005028
Pelecanus erythrorhynchos
Broods/Brooding
89-005035
Distribution/Mexico: Tamaulipas
89-005026
Distribution/Texas
89-005026
Distribution/Wyoming
89-005036
Disturbances
89-005021
Eggs
89-005035
Embryology
89-005035
Incubation
89-005035
Population Ecology
89-005021
Range Extension
89-005036
Reproduction
89-005021
Status/Mexico: Tamaulipas
89-005026
Status/Texas
89-005026
Temperature Relationships
89-005035
Pelecanus occidentalis
Bacterial Diseases
89-005019
Captive Animal Care
89-005055
Distribution/Puerto Rico
89-005060
Fishing
89-005047
Fishing Line
89-005047
Food Supply
89-005019
Injuries
89-005018
Man-made Litter
89-005047
Marinas
89-005019
Parasites/Diseases
89-005019
Rehabilitation
89-005018
Reproduction
89-005055

...CONTINUED...
Pelecanus occidentalis
Status/Puerto Rico
89-005060
Supplemental Feeding
89-005019
Surgery
89-005018
Perdix perdix
Life History/General
89-004588
Management/England
89-004588
Population Ecology
89-002807
Perisoreus infaustus
Distribution/Finland
89-004314
Foods/Feeding
89-004314
Taiga
89-004314
Pernis apivorus
Forest/Wildlife Relationships
89-005145
Nesting Sites
89-005145
Nests/Nesting
89-005145
Petrochelidon fulva
Nesting Sites
89-005513
Predators
89-004563
Taxonomy
89-005513
Petronia xanthocollis
Diurnal Rhythm
89-005533
Photoperiodism
89-005533
Reproductive/Growth Regulators
89-005349
Pezoporus wallicus
Breeding Season
89-005565
Clutches
89-005565
Zoogeography
89-005565
Phaethon aethereus
Distribution/Puerto Rico
89-005060
Status/Puerto Rico
89-005060
Phaethon lepturus
Distribution/Puerto Rico
89-005060
Movements
89-005064
Status/Puerto Rico
89-005060
Telemetry
89-005064
Phaethornis pretrei
Distribution/Paraguay
89-005258
Phaetusa simplex
Interspecies Relationships
89-004468
Nests/Nesting
89-004468
Phainopepla nitens
Islands
89-005414
Nests/Nesting
89-005414
Phalacrocorax
Aging
89-005068

...CONTINUED...
Phalacrocorax
  Head
    89-005068
  Osteology
    89-005068
Phalacrocorax auritus
  Abnormalities
    89-005077
  Bills
    89-005077
  Dioxin
    89-004522
  Distribution/New York
    89-005027
  Distribution/Wyoming
    89-005037
  Energy Relationships
    89-005029
  Flight
    89-005062
  Foods/Feeding
    89-005029
  Furan
    89-004522
  Habitat Use
    89-005037
  Metabolism
    89-005029
  Nests/Nesting
    89-005027
    89-005052
  Polychlorinated Biphenyls
    89-004522
  Population Ecology
    89-005037
  Range Extension
    89-005027
  Respiration
    89-005029
  Status/Wyoming
    89-005037
Phalacrocorax carbo
  Foods/Feeding
    89-005065
  Overwintering
    89-005065
  Roosts/Roosting
    89-005065
  Status/England
    89-005070
  Urban Habitat
    89-005070
Phalacrocorax carbo carbo
  Distribution/Netherlands
    89-005073
Phalacrocorax carbo sinensis
  Heavy Metals
    89-004530
Phalacrocorax pelagicus
  Foods/Feeding
    89-004626
  Habitat Use
    89-004626
  Islands
    89-004626
  Nests/Nesting
    89-004626
Phalacrocorax sulcirostris
  Foods/Feeding
    89-005031
Phalaenoptilus nuttallii
  Distribution/North Dakota
    89-005588
  Range Extension
    89-005588
Phalaropus lobatus
  Bioenergetics
    89-004848

...CONTINUED...
Phalaropus lobatus
  Foods/Feeding
    89-004789
  Mating
    89-004960
  Migration
    89-004848
  Migration/Panama
    89-004807
  Polyandry
    89-004960
  Tropical Habitat
    89-004807
Pharomachrus mocinno
  Altitude
    89-005581
  Endangered/Threatened Species
    89-005581
  Habitat Use
    89-005581
Phasianidae
  Distribution/India
    89-004580
  Life History/General
    89-004580
    89-004582
  Status/China
    89-004582
  Status/India
    89-004580
Phasianus colchicus
  Population Ecology
    89-002807
Phasianus colchicus versicolor
  Abnormalities
    89-004583
  Legs
    89-004583
Phedina borbonica
  Distribution/Malawi
    89-005456
Philepittidae
  Evolution
    89-005290
  Legs
    89-005290
Philomachus pugnax
  Distribution/Belgium
    89-004799
  Distribution/Netherlands
    89-004799
  Overwintering
    89-004799
  Status/Minnesota
    89-004798
    89-004853
Phoenicopterus roseus
  Distribution/Africa
    89-004885
  Distribution/Mediterranean Region
    89-004885
  Migration/Africa
    89-004885
  Migration/Mediterranean Region
    89-004885
  Movements
    89-004885
Phoenicopterus ruber
  Distribution/Italy
    89-004944
  Habitat Islands
    89-004884
  Habitat Management
    89-004884
  Lagoons
    89-004884

- Phoenicopterus ruber ruber
  - Habitat Management
    89-004970
  - Islands
    89-004970
- Phoeniculus purpureus
  - Habitat Surveys
    89-005580
  - Habitat Use
    89-005580
  - Home Range/Territory
    89-005580
  - Roosts/Roosting
    89-005580
  - Wildlife/Habitat Relationships
    89-005580
- Phoenicurus ochruros
  - Migration/East Germany
    89-005545
  - Polygyny
    89-005530
  - Vocalization
    89-005520
- Phoenicurus phoenicurus
  - Distribution/East Germany
    89-005415
  - Status/East Germany
    89-005415
- Phylloscopus fuscatus
  - Distribution/Netherlands
    89-005375
  - Feathers
    89-005457
- Phylloscopus inornatus humei
  - Distribution/Belgium
    89-005382
- Phylloscopus trochilus
  - Distribution/Finland
    89-004314
  - Foods/Feeding
    89-004314
  - Taiga
    89-004314
  - Vocalization
    89-005550
- Pica pica
  - Interspecies Relationships
    89-004461
  - Mobbing
    89-004461
  - Social Behavior
    89-005305
- Picidae
  - Feeding Sites
    89-005272
  - Foods/Feeding
    89-005272
  - Forests, Deciduous
    89-005272
  - Habitat Use
    89-005272
  - Snags
    89-005272
- Picoides arcticus
  - Breeding Season
    89-005268
  - Nests/Nesting
    89-005268
- Pinaroloxias inornata
  - Evolution
    89-005411
  - Life History/General
    89-005411
- Pionus senilis
  - Mites
    89-005567
  - Parasites/Diseases
    89-005567
- Pipilo erythrophthalmus
  - Distribution/Oklahoma
    89-005346
- Pipra erythrocephala
  - Coloration
    89-005426
  - Plumage
    89-005426
  - Taxonomy
    89-005426
- Pittidae
  - Evolution
    89-005290
  - Legs
    89-005290
- Plegadis chihi
  - Chlorinated Hydrocarbons
    89-004515
  - DDE
    89-004515
  - Heavy Metals
    89-004515
  - Mercury
    89-004515
  - Selenium
    89-004515
- Plegadis falcinellus
  - Distribution/Canada: New Brunswick
    89-004914
  - Nests/Nesting
    89-004914
  - Range Extension
    89-004914
- Ploceus rubiginosus
  - Breeding
    89-005347
  - Distribution/Namibia
    89-005347
  - Interspecies Relationships
    89-004456
  - Nests/Nesting
    89-004456
  - Status/Namibia
    89-005347
- Pluvialis apricaria
  - Distribution/Canada: Newfoundland
    89-004910
  - Interspecies Relationships
    89-004487
  - Status/Canada: Newfoundland
    89-004910
- Pluvialis dominica
  - Nesting Sites
    89-004797
  - Nests/Nesting
    89-004797
  - Productivity
    89-004797
- Pluvialis dominica fulva
  - Migration/Netherlands
    89-004888
- Pluvialis squatarola
  - Distribution/West Germany
    89-004950
  - Food Robbing
    89-004486
  - Foods/Feeding
    89-004924
  - Interspecies Relationships
    89-004486
  - Life History/General
    89-004950
  - Migration/West Germany
    89-004950
  - Overwintering
    89-004950

Podiceps auritus
  Distribution/Finland
    89-004767
  Food Supply
    89-004615
  Foods/Feeding
    89-004615
  Interspecies Relationships
    89-004615
  Nests/Nesting
    89-004767
  Population Ecology
    89-004767
  Status/Denmark
    89-004756
Podiceps cristatus
  Boats
    89-003269
  Chlorinated Hydrocarbons
    89-004517
  Distribution/Finland
    89-004767
  Distribution/Italy
    89-004752
  Disturbances
    89-003269
  Diving
    89-004758
  Food Supply
    89-004762
  Foods/Feeding
    89-004758
    89-004762
  Heavy Metals
    89-004517
  Nests/Nesting
    89-004752
    89-004767
  Polychlorinated Biphenyls
    89-004517
  Population Ecology
    89-004767
  Recreational Activities
    89-003269
Podiceps grisegena
  Distribution/Wisconsin
    89-004755
  Floods
    89-004763
  Islands
    89-004763
  Nests/Nesting
    89-004763
  Productivity
    89-004763
  Reproduction
    89-004763
  Status/Wisconsin
    89-004755
  Water Level
    89-004763
Podiceps nigricollis
  Albinism
    89-004760
  Status/Denmark
    89-004756
Poephila guttata
  Courtship Behavior
    89-005351
  Imprinting
    89-005368
  Mating
    89-005351
    89-005367
  Social Behavior
    89-005368
  Vocalization
    89-005367

...CONTINUED...
Poephila guttata
  Vocalization
    89-005368
Polemaetus bellicosus
  Food Robbing
    89-002961
  Habits/Behavior
    89-005218
  Hunting Methods
    89-005218
  Interspecies Relationships
    89-002961
  Predation
    89-002960
    89-002961
Polioptila melanura
  Taxonomy
    89-005339
  Urban Habitat
    89-005547
  Urbanization
    89-005547
  Zoogeography
    89-005339
Porphyrio porphyrio
  Distribution/Iowa
    89-004801
Porzana carolina
  Breeding Season
    89-004617
Prinia gracilis
  Species Identification
    89-005403
Progne subis
  Predators
    89-004556
Promerops cafer
  Banding Studies
    89-005471
  Life History/General
    89-005471
Protonotaria citrea
  Breeding
    89-005477
  Riparian Habitat
    89-005477
Prunella collaris
  Predators
    89-002958
Prunella modularis
  Distribution/Hungary
    89-005473
  Interspecies Relationships
    89-004464
    89-004465
  Nest Parasitism
    89-004464
    89-004465
Psarocolius oseryi
  Breeding
    89-005316
  Mating
    89-005316
  Social Behavior
    89-005316
Psittacidae
  Inclusion Body Disease
    89-005566
  Kidneys
    89-005566
  Parasites/Diseases
    89-005566
  Viral Diseases
    89-005566
Psittacula krameri
  Distribution/Israel
    89-005559

...CONTINUED...
Psittacula krameri
Nests/Nesting
89-005559
Range Extension
89-005559
Psittacus erithacus
Tongue
89-005564
Vocalization
89-005564
Psittirostra bailleui
Critical Habitat
89-005504
Endangered/Threatened Species
89-005504
Management/Hawaii
89-005504
Pterodroma arminjoniana heraldica
Distribution/West Indies
89-005042
Habitat Use
89-005042
Range Extension
89-005042
Status/West Indies
89-005042
Pterodroma cooki
Distribution/California
89-005072
Range Extension
89-005072
Pteroglossus torquatus
Foods/Feeding
89-005589
Ptychoramphus aleuticus
Breeding Season
89-004833
Molting
89-004833
Puffinus bulleri
Foods/Feeding
89-005074
Puffinus griseus
Lice
89-005081
Parasites/Diseases
89-005081
Puffinus huttoni
Distribution/Australia: Western Australia
89-004635
Overwintering
89-004635
Status/Australia: Western Australia
89-004635
Puffinus pacificus
Banding Studies
89-005039
Distribution/California
89-005069
Longevity
89-005039
Range Extension
89-005069
Puffinus tenuirostris
Age Ratio
89-005022
Breeding
89-005022
Population Ecology
89-005022
Survival
89-005022
Pycnonotus barbatus
Digestion Studies
89-004310

...CONTINUED...
Pycnonotus barbatus
Foods/Feeding
89-004310
Pygoscelis adeliae
Census/Survey Methods
89-005054
Diurnal Rhythm
89-005054
Microclimate
89-005058
Nesting Sites
89-005058
Snow
89-005058
Status/Antarctica
89-005061
Temperature Relationships
89-005058
Pygoscelis antarctica
Census/Survey Methods
89-005054
Diurnal Rhythm
89-005054
Microclimate
89-005058
Nesting Sites
89-005058
Snow
89-005058
Status/Antarctica
89-005061
Temperature Relationships
89-005058
Pygoscelis papua
Bioenergetics
89-005030
Census/Survey Methods
89-005054
Diurnal Rhythm
89-005054
Hormones
89-005040
Microclimate
89-005058
Molting
89-005040
Nesting Sites
89-005058
Reproduction
89-005030
Snow
89-005058
Status/Antarctica
89-005061
Temperature Relationships
89-005058
Pyrrhula pyrrhula murina
Status/Portugal
89-005551
Quelea quelea
Breeding
89-005528
Molting
89-005528
Rallus longirostris crepitans
Coastal Habitat
89-004919
Life History/General
89-004919
Marshes, Salt
89-004919
Rallus longirostris levipes
Habitat Use
89-005015
Movements
89-005015
Rallus longirostris obsoletus
Breeding
89-004867

...CONTINUED...
Rallus longirostris obsoletus
  Nests/Nesting
   89-004867
  Predators
   89-004867
  Productivity
   89-004867
Rallus longirostris tenuirostris
  Distribution/Mexico
   89-005011
  Life History/General
   89-005011
  Taxonomy
   89-005011
Rallus longirostris waynei
  Coastal Habitat
   89-004919
  Life History/General
   89-004919
  Marshes, Salt
   89-004919
Rallus owstoni
  Captive Animal Care
   89-004862
  Propagation
   89-004862
  Zoos
   89-004862
Ramphotrigon ruficauda
  Forests, Tropical
   89-005531
  Nests/Nesting
   89-005531
  Snags
   89-005531
Raptors
  Aging
   89-005138
  Bibliographies
   89-005176
  Bioenergetics
   89-005150
  Biological Indicators
   89-004527
  Captive Animal Care
   89-005097
   89-005110
   89-005113
   89-005124
   89-005219
  Capturing Methods
   89-005100
  Census/Survey Methods
   89-005144
  Clutches
   89-005092
  Computer Use
   89-005176
  Conservation Programs
   89-005155
  Data Storage/Retrieval
   89-005176
  Digestion
   89-005137
  Digestive System
   89-005137
  Distribution/South Africa
   89-005128
  Disturbances
   89-005153
   89-005216
  Eggshell Thinning
   89-004527
  Falconry
   89-005083
   89-005121
  Food Habits Studies
   89-005183

...CONTINUED...
Raptors
  Habitat Classification
   89-005201
  Habitat Management
   89-005197
  Habitat Surveys
   89-005151
   89-005201
  Habitat Use
   89-005162
   89-005201
  Habits/Behavior
   89-005216
  Handling Methods
   89-005100
  Heavy Metals
   89-004509
  Hematology
   89-005185
  Incubation
   89-005122
  Laws/Law Enforcement
   89-005198
  Lead Poisoning
   89-004509
  Life History/General
   89-005151
   89-005155
  Management
   89-005092
   89-005151
  Management/France
   89-005235
  Management/United States
   89-005198
  Marking
   89-005253
  Migration
   89-005115
  Mitigation
   89-005216
  Mortality
   89-005216
  Nutrition
   89-005137
  Parasites/Diseases
   89-005120
  Physiology
   89-005151
  Productivity
   89-005231
  Propagation
   89-005097
   89-005110
   89-005113
   89-005122
   89-005124
  Rehabilitation
   89-005121
   89-005123
   89-005136
   89-005157
   89-005189
   89-005204
   89-005219
  Reproduction
   89-005092
   89-005098
   89-005231
  Serology
   89-005120
  Sexing
   89-005138
  Species Identification
   89-005138
   89-005167
  Status/Denmark
   89-005143

...CONTINUED...
- Raptors
  - Status/South Africa
    - 89-005128
  - Stocking/Transplanting
    - 89-005092
  - Study Methods
    - 89-005153
  - Taxonomy
    - 89-005167
  - Techniques
    - 89-005120
    - 89-005151
  - Telemetry
    - 89-005115
    - 89-005162
- Remiz pendulinus
  - Distribution/Netherlands
    - 89-005498
  - Nesting Sites
    - 89-004484
  - Nests/Nesting
    - 89-004484
  - Reproduction
    - 89-005439
  - Status/Netherlands
    - 89-005498
- Rhynchopsitta pachyrhyncha
  - Life History/General
    - 89-005570
  - Restoration
    - 89-005570
- Rhynchopsitta pachyrhyncha pachyrhyncha
  - Propagation
    - 89-005561
  - Zoos
    - 89-005561
- Riparia riparia
  - Density
    - 89-005423
  - Distribution/California
    - 89-005404
  - Nests/Nesting
    - 89-005404
  - Predators
    - 89-004561
  - Productivity
    - 89-005423
  - Reproduction
    - 89-005423
  - Riparian Habitat
    - 89-005404
- Rissa brevirostris
  - Climate
    - 89-004933
  - Reproduction
    - 89-004933
  - Status/Alaska
    - 89-004933
  - Weather
    - 89-004933
- Rissa tridactyla
  - Breeding Season
    - 89-004846
  - Foods/Feeding
    - 89-004846
  - Growth/Development
    - 89-004846
  - Islands
    - 89-004846
  - Predators
    - 89-002959
  - Status/Canada: Newfoundland
    - 89-002959
  - Status/Denmark
    - 89-004770
  - Status/Minnesota
    - 89-004818
- Rupicola rupicola
  - Food Supply
    - 89-005393
  - Foods/Feeding
    - 89-005393
- Rynchops niger
  - Altruism
    - 89-004953
  - Breeding
    - 89-004953
  - Distribution/California
    - 89-004806
  - Foods/Feeding
    - 89-004953
  - Home Range/Territory
    - 89-004953
  - Interspecies Relationships
    - 89-004468
  - Modeling
    - 89-004953
  - Nests/Nesting
    - 89-004468
  - Sexual Dimorphism
    - 89-004953
  - Social Behavior
    - 89-004793
  - Vocalization
    - 89-004793
- Sarothrura ayresi
  - Status/Ethiopia
    - 89-004913
- Saxicola rubetra
  - Mating
    - 89-005487
- Saxicola torquata
  - Distribution/East Germany
    - 89-005420
- Sayornis phoebe
  - Habitat Use
    - 89-005422
  - Microhabitat
    - 89-005422
  - Nests/Nesting
    - 89-005422
- Sayornis saya
  - Status/Minnesota
    - 89-005356
- Scolopacidae
  - Distribution/East Germany
    - 89-004983
- Scolopax rusticola
  - Habits/Behavior
    - 89-004835
  - Life History/General
    - 89-004835
- Scotocerca inquieta
  - Species Identification
    - 89-005403
- Seiurus noveboracensis
  - Breeding
    - 89-005371
  - Distribution/Oregon
    - 89-005371
- Selasphorus rufus
  - Bioenergetics
    - 89-005262
  - Foods/Feeding
    - 89-005262
- Serinus canaria
  - Hormones
    - 89-005544
  - Vocalization
    - 89-005544
- Serinus pusillus
  - Distribution/Israel
    - 89-005394
  - Overwintering
    - 89-005394

- Sialia
  - Habitat Management
    - 89-002969
  - Plantings
    - 89-002969
- Sialia currucoides
  - Reproduction
    - 89-005524
- Sialia sialis
  - Albinism
    - 89-005529
  - Incubation
    - 89-005396
  - Nest Boxes
    - 89-002803
    - 89-005381
  - Nesting Sites
    - 89-002803
  - Nests/Nesting
    - 89-002803
  - Roads
    - 89-002803
  - Roadsides
    - 89-002803
- Sitta canadensis
  - Nests/Nesting
    - 89-005453
  - Status/Canada: Manitoba
    - 89-005453
- Sitta carolinensis
  - Home Range/Territory
    - 89-005492
  - Pair Formation
    - 89-005492
- Somateria mollissima
  - Acanthocephala
    - 89-004680
  - Breeding
    - 89-004686
  - Breeding Season
    - 89-004690
    - 89-004699
  - Clutches
    - 89-004690
    - 89-004700
  - Distribution/East Germany
    - 89-004720
  - Disturbances
    - 89-004686
  - Egg Laying
    - 89-004699
  - Eggs
    - 89-004699
    - 89-004700
  - Enzymes
    - 89-004689
  - Foods/Feeding
    - 89-004679
  - Genetics
    - 89-004699
    - 89-004700
  - Molting
    - 89-004708
  - Morphology
    - 89-004699
  - Nesting Sites
    - 89-004690
  - Nests/Nesting
    - 89-004690
    - 89-004720
  - Overwintering
    - 89-004679
  - Parasites/Diseases
    - 89-004680
  - Recreational Activities
    - 89-004686
  - Status/Finland
    - 89-004690

...CONTINUED...

- Somateria mollissima
  - Thermoregulation
    - 89-004689
- Somateria spectabilis
  - Foods/Feeding
    - 89-004679
  - Overwintering
    - 89-004679
- Speotyto cunicularia
  - Capturing Methods
    - 89-005093
  - Traps/Trapping
    - 89-005093
- Spheniscidae
  - Foods/Feeding
    - 89-005048
  - Predator/Prey Relationships
    - 89-005048
- Spheniscus demersus
  - Banding
    - 89-005079
  - Body Fat
    - 89-005043
  - Cholesterol
    - 89-005043
  - Habits/Behavior
    - 89-005079
  - Parasites/Diseases
    - 89-005033
  - Recording Equipment
    - 89-005079
  - Ticks
    - 89-005033
  - Vitamins
    - 89-005043
- Spheniscus humboldti
  - Diving
    - 89-005078
  - Foods/Feeding
    - 89-005078
  - Interspecies Relationships
    - 89-005032
  - Life History/General
    - 89-005032
- Spheniscus magellanicus
  - Aging
    - 89-005071
  - Eyes
    - 89-005071
  - Hematology
    - 89-005041
  - Hormones
    - 89-005040
  - Interspecies Relationships
    - 89-005032
  - Life History/General
    - 89-005032
  - Molting
    - 89-005040
    - 89-005041
  - Nutrients
    - 89-005041
- Sphyrapicus varius
  - Distribution/California
    - 89-005275
- Spiza americana
  - Distribution/New York
    - 89-005360
  - Migration/Minnesota
    - 89-005430
  - Nests/Nesting
    - 89-005360
- Spizella arborea
  - Habitat Use
    - 89-005402
  - Habits/Behavior
    - 89-005402

...CONTINUED...
Spizella arborea
Modeling
89-005402
Spizella pallida
Distribution/Texas
89-005507
Overwintering
89-005507
Range Extension
89-005507
Spiziapteryx circumcinctus
Distribution/Argentina
89-005119
Stachyris nigriceps
Predators
89-002956
Stellula calliope
Foods/Feeding
89-005263
Modeling
89-005263
Stephanoaetus coronatus
Plumage
89-005236
Sexing
89-005236
Stercorarius longicaudus
Distribution/East Germany
89-004812
Stercorarius pomarinus
Distribution/East Germany
89-004981
Sterna
Field Notes
89-004996
Species Identification
89-004996
Sterna antillarum
Distribution/Virginia
89-004776
Marking
89-004896
Sexual Dimorphism
89-004771
Status/New Mexico
89-005010
Status/Virginia
89-004776
Survival
89-004896
Tagging
89-004896
Sterna antillarum browni
DDE
89-004503
DDT
89-004503
Endangered/Threatened Species
89-004503
Nests/Nesting
89-004912
Renesting
89-004912
Sterna dougallii
Banding Studies
89-004989
Capturing Methods
89-004989
Distribution/Massachusetts
89-004997
Endangered/Threatened Species
89-004768
Food Supply
89-004973
Islands
89-004989
Life History/General
89-004997

...CONTINUED...
Sterna dougallii
Management/United States, Northeastern
89-004768
Reproduction
89-004973
Status/Massachusetts
89-004997
Survival
89-004989
Sterna elegans
Distribution/California
89-004806
Sterna forsteri
Breeding Season
89-004969
Nests/Nesting
89-004969
Sterna fuscata
Habitat Use
89-004949
Nesting Sites
89-004949
89-004974
Nests/Nesting
89-004949
89-004974
Predator/Prey Relationships
89-004949
Productivity
89-004949
Reproduction
89-004949
Sterna hirundo
Adoption
89-004929
Boats
89-004972
Courtship Behavior
89-004986
Floods
89-004778
Food Habits Studies
89-004972
Food Supply
89-004973
Foods/Feeding
89-004986
Habits/Behavior
89-004929
Heavy Metals
89-004504
Home Range/Territory
89-004822
Life History/General
89-004962
Migration
89-004822
Nesting Sites
89-004777
89-004778
Nests/Nesting
89-004777
89-004778
Predator/Prey Relationships
89-004972
Productivity
89-004777
89-004778
Reproduction
89-004973
Sonar
89-004972
Status/Vermont
89-004962
Sterna maxima
Barrier Islands
89-004952

...CONTINUED...
Sterna maxima
  Distribution/California
    89-004806
  Distribution/Louisiana
    89-004952
  Islands
    89-004952
  Status/Louisiana
    89-004952
Sterna paradisaea
  Food Supply
    89-004927
  Nutrition
    89-004927
  Productivity
    89-004927
  Reproduction
    89-004927
Sterna sandvicensis
  Barrier Islands
    89-004952
  Breeding
    89-004978
  Distribution/East Germany
    89-004978
  Distribution/Louisiana
    89-004952
  Flight
    89-004856
  Islands
    89-004952
  Orientation/Homing
    89-004856
  Roads
    89-004856
  Status/Louisiana
    89-004952
Sterna sumatrana
  Foods/Feeding
    89-004874
  Growth/Development
    89-004874
Sterna superciliaris
  Interspecies Relationships
    89-004468
  Nests/Nesting
    89-004468
Sterna virgata
  Distribution/Prince Edward
  Islands
    89-004971
  Status/Prince Edward Islands
    89-004971
Streptopelia decaocto
  Hormones
    89-002924
  Iodine
    89-002924
  Thyroid Gland
    89-002924
Streptopelia decaocto decaocto
  Control
    89-004612
  Damage by Wildlife
    89-004612
  Food Consumption
    89-004612
  Foods/Feeding
    89-004612
  Reproduction
    89-004612
  Wheat
    89-004612
Strigiformes
  Distribution/Europe
    89-005193
  Life History/General
    89-005193

...CONTINUED...
Strigiformes
  Status/Europe
    89-005193
Strix aluco
  Nesting Sites
    89-005214
  Nests/Nesting
    89-005214
Strix nebulosa
  Foods/Feeding
    89-005109
Strix uralensis
  Food Supply
    89-005207
  Foods/Feeding
    89-005207
  Habitat Use
    89-005207
Strix varia
  Distribution/Montana
    89-005141
Struthio camelus
  Eggs
    89-005237
Sturnella magna
  Grazing
    89-004457
  Habitat Use
    89-004457
  Wildlife/Habitat Relationships
    89-004457
Sturnus roseus
  Status/East Germany
    89-005303
Sturnus vulgaris
  Aggressive Behavior
    89-004455
  Anthranilate
    89-005320
  Breeding
    89-005312
  Broods/Brooding
    89-005312
  Control
    89-005320
  Damage by Wildlife
    89-005320
  DNA
    89-005326
  Electrophoresis
    89-005326
  Fledging
    89-005321
  Food Robbing
    89-004474
  Interspecies Relationships
    89-004455
    89-004473
    89-004474
  Molting
    89-005336
  Nest Boxes
    89-005312
  Nesting Sites
    89-004473
  Nests/Nesting
    89-004473
  Photoperiodism
    89-005307
    89-005336
  Phototactic Behavior
    89-005321
  Repellents
    89-005320
  Reproduction
    89-005307
  Sexual Maturity
    89-005336

...CONTINUED...
- Sturnus vulgaris
  - Vocalization
    - 89-005294
- Sula dactylatra
  - Distribution/Puerto Rico
    - 89-005060
  - Status/Puerto Rico
    - 89-005060
- Sula leucogaster
  - Distribution/Puerto Rico
    - 89-005060
  - Status/Puerto Rico
    - 89-005060
- Sula sula
  - Distribution/Puerto Rico
    - 89-005060
  - Status/Puerto Rico
    - 89-005060
- Surnia ulula
  - Status/Canada: Saskatchewan
    - 89-005165
- Sylvia atricapilla
  - Digestion Studies
    - 89-004310
  - Endocrinology
    - 89-005527
  - Food Supply
    - 89-005434
  - Foods/Feeding
    - 89-004310
    - 89-005434
    - 89-005472
  - Migration
    - 89-005348
    - 89-005527
  - Overwintering
    - 89-005348
  - Photoperiodism
    - 89-005527
  - Physical Condition
    - 89-005434
  - Population Ecology
    - 89-005348
- Sylvia borin
  - Food Supply
    - 89-005434
  - Foods/Feeding
    - 89-005434
  - Physical Condition
    - 89-005434
- Sylvia curruca
  - Digestion Studies
    - 89-004310
  - Foods/Feeding
    - 89-004310
- Sylvia hortensis
  - Digestion Studies
    - 89-004310
  - Foods/Feeding
    - 89-004310
- Sylvia leucomelaena
  - Species Identification
    - 89-005510
  - Taxonomy
    - 89-005510
- Synthliboramphus antiquus
  - Distribution/New Mexico
    - 89-004979
  - Foods/Feeding
    - 89-004626
  - Habitat Use
    - 89-004626
  - Islands
    - 89-004626
  - Nests/Nesting
    - 89-004626
  - Range Extension
    - 89-004979
- Syrmaticus ellioti
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Syrmaticus reevesii
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Tachybaptus ruficollis
  - Albinism
    - 89-004760
  - Imprinting
    - 89-004482
  - Status/Denmark
    - 89-004756
- Tachycineta bicolor
  - Banding Studies
    - 89-005447
  - Bioenergetics
    - 89-004446
  - Eyes
    - 89-005370
  - Injuries
    - 89-005370
  - Nest Desertion
    - 89-005447
  - Nests/Nesting
    - 89-005370
    - 89-005447
  - Parasites/Diseases
    - 89-005370
  - Reproduction
    - 89-004446
  - Sight
    - 89-005370
- Tadorna ferruginea
  - Distribution/Algeria
    - 89-004309
- Tangara cabanisi
  - Distribution/Mexico: Chiapas
    - 89-005436
  - Nests/Nesting
    - 89-005436
- Tetrao parvirostris parvirostris
  - Breeding
    - 89-004565
  - Broods/Brooding
    - 89-004565
- Tetrao tetrix
  - Distribution/Scotland
    - 89-004569
  - Habitat Use
    - 89-004569
- Tetrao urogallus
  - Food Supply
    - 89-004576
  - Forestry Practices
    - 89-004571
    - 89-004572
    - 89-004573
  - Lek Behavior
    - 89-004571
    - 89-004572
    - 89-004573
  - Population Ecology
    - 89-004571
- Tetrax tetrax
  - Distribution/East Germany
    - 89-004938
- Thalassoica antarctica
  - Man-made Litter
    - 89-004542
  - Plastics
    - 89-004542
- Thraupis abbas
  - Distribution/Costa Rica
    - 89-005499

...CONTINUED...
- Thraupis abbas
  - Range Extension
    - 89-005499
- Thryothorus ludovicianus
  - Range Extension
    - 89-005389
  - Status/Canada: Alberta
    - 89-005389
  - Status/Minnesota
    - 89-005479
- Tichodroma muraria
  - Breeding Season
    - 89-005428
- Toxostoma curvirostre
  - Cacti
    - 89-004428
  - Nesting Sites
    - 89-004428
  - Nests/Nesting
    - 89-004428
- Toxostoma curvirostre curvirostre
  - Distribution/Iowa
    - 89-005386
- Tragopan temminckii
  - Propagation
    - 89-004592
  - Zoos
    - 89-004592
- Trichoglossus
  - Displays
    - 89-005569
  - Taxonomy
    - 89-005569
- Trichoglossus haematodus
  - Distribution/Australia: Western Australia
    - 89-005558
  - Restoration
    - 89-005558
- Tringa erythropus
  - Distribution/Kansas
    - 89-004907
- Tringa flavipes
  - Foods/Feeding
    - 89-004924
- Tringa glareola
  - Bioenergetics
    - 89-004849
  - Distribution/USSR
    - 89-004849
  - Diurnal Rhythm
    - 89-004849
  - Nests/Nesting
    - 89-004849
- Tringa nebularia
  - Bathing
    - 89-004824
  - Disturbances
    - 89-005005
  - Flight
    - 89-004824
  - Status/Scotland
    - 89-005005
- Tringa ochropus
  - Distribution/Netherlands
    - 89-004869
  - Overwintering
    - 89-004869
- Tringa totanus
  - Agricultural Practices
    - 89-004773
  - Density
    - 89-004773
  - Distribution/Australia: Western Australia
    - 89-004878
  - Distribution/Scotland
    - 89-004796

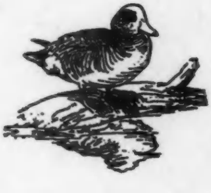
...CONTINUED...
- Tringa totanus
  - Disturbances
    - 89-005005
  - Grasslands
    - 89-004773
  - Habitat Use
    - 89-004773
  - Islands
    - 89-004796
  - Reproduction
    - 89-004773
  - Status/Australia: Western Australia
    - 89-004878
  - Status/Scotland
    - 89-004796
    - 89-005005
- Trochilidae
  - Foods/Feeding
    - 89-005255
  - Modeling
    - 89-005255
  - Movements
    - 89-005255
- Troglodytes troglodytes
  - Distribution/California
    - 89-005344
  - Habitat Use
    - 89-005344
  - Roosts/Roosting
    - 89-005418
  - Seasonal Activities
    - 89-005344
- Trogon massena
  - Foods/Feeding
    - 89-005589
- Tryngites subruficollis
  - Displays
    - 89-004951
  - Lek Behavior
    - 89-004951
  - Social Behavior
    - 89-004951
- Turdus amaurochalinus
  - Cestodes
    - 89-005540
  - Parasites/Diseases
    - 89-005540
- Turdus merula
  - Broods/Brooding
    - 89-005501
  - Digestion Studies
    - 89-004310
  - Distribution/Japan
    - 89-005358
  - Foods/Feeding
    - 89-004310
  - Life History/General
    - 89-005515
  - Nests/Nesting
    - 89-005501
  - Vocalization
    - 89-005378
- Turdus philomelos
  - Digestion Studies
    - 89-004310
  - Foods/Feeding
    - 89-004310
- Turdus rufiventris
  - Cestodes
    - 89-005540
  - Parasites/Diseases
    - 89-005540
- Tympanuchus phasianellus
  - Courtship Behavior
    - 89-004568
  - Displays
    - 89-004568

...CONTINUED...
Tympanuchus phasianellus
  Intraspecies Relationships
    89-004566
  Nest Parasitism
    89-004566
  Nests/Nesting
    89-004566
Tyrannidae
  Breeding
    89-005466
  Life History/General
    89-005466
  Zoogeography
    89-005466
Tyto alba
  Breeding
    89-005114
  Brodifacoum
    89-004506
  Captive Animal Care
    89-005179
  Distribution/France
    89-005114
  Foods/Feeding
    89-005182
  Intraspecies Relationships
    89-005182
  Life History/General
    89-005247
  Management/Missouri
    89-005247
  Movements
    89-005114
    89-005220
  Nontarget Organisms
    89-004506
  Predation
    89-002953
    89-002955
  Predator/Prey Relationships
    89-002955
  Propagation
    89-005179
  Rodenticides
    89-004506
  Stocking/Transplanting
    89-005220
  Study Methods
    89-005114
  Telemetry
    89-005220
Tyto alba pratincola
  Captive Animal Care
    89-005140
  Stocking/Transplanting
    89-005140
  Survival
    89-005140
Uria aalge
  Age/Sex Ratios
    89-004500
  Breeding
    89-004865
  Census/Survey Methods
    89-004865
  Defensive Behavior
    89-004868
  Mating
    89-004868
  Migration/Oregon
    89-004775
  Oil Pollution
    89-004500
    89-004513
  Pair Formation
    89-004868
  Predators
    89-002959

...CONTINUED...
Uria aalge
  Propagation
    89-004858
  Status/Canada: Newfoundland
    89-002959
  Stress
    89-004513
  Wings
    89-004886
  Zoogeography
    89-004886
  Zoos
    89-004858
Uria lomvia
  Distribution
    89-004892
  Life History/General
    89-004942
  Migration
    89-004892
  Overwintering
    89-004892
  Population Ecology
    89-004847
  Status/Canada: Northwest
  Territories
    89-004847
Vanellus vanellus
  Agricultural Practices
    89-004773
  Density
    89-004773
  Disturbances
    89-005005
  Food Robbing
    89-004474
  Foods/Feeding
    89-004845
  Grasslands
    89-004773
  Habitat Use
    89-004773
  Interspecies Relationships
    89-004474
  Reproduction
    89-004773
  Status/Scotland
    89-005005
Vermivora chrysoptera
  Vocalization
    89-005421
Vermivora peregrina
  Interspecies Relationships
    89-005505
Vireo bellii
  Plumage
    89-005535
  Species Identification
    89-005535
Vireo bellii pusillus
  Defensive Behavior
    89-005412
  Endangered/Threatened Species
    89-005398
    89-005399
  Interspecies Relationships
    89-004458
  Life History/General
    89-005399
  Management/California
    89-004458
    89-005398
    89-005399
  Nest Parasitism
    89-004458
  Nesting Sites
    89-005412

...CONTINUED...
- Vireo bellii pusillus
  - Nests/Nesting
    - 89-005412
- Vireo gilvus
  - Foods/Feeding
    - 89-005288
  - Riparian Habitat
    - 89-005288
- Vireo solitarius plumbeus
  - Distribution/California
    - 89-005469
  - Nests/Nesting
    - 89-005469
- Vireo vicinior
  - Foods/Feeding
    - 89-005345
  - Home Range/Territory
    - 89-005345
  - Overwintering
    - 89-005345
- Volatinia jacarina
  - Displays
    - 89-005546
  - Vocalization
    - 89-005546
- Xanthocephalus xanthocephalus
  - Breeding Season
    - 89-004617
- Xema sabini
  - Distribution/Australia: New South Wales
    - 89-004809
    - 89-004915
  - Distribution/Australia: South Australia
    - 89-004958
  - Distribution/England
    - 89-004928
  - Range Extension
    - 89-004915
  - Status/England
    - 89-004928
  - Storms
    - 89-004928
- Zenaida auriculata chrysauchenia
  - Testicular Cycle
    - 89-004609
- Zenaida macroura
  - Clutches
    - 89-004610
  - Crop
    - 89-004610
  - Grazing
    - 89-004457
  - Habitat Use
    - 89-004457
  - Wildlife/Habitat Relationships
    - 89-004457
- Zonotrichia albicollis
  - Plumage
    - 89-005481
  - Species Identification
    - 89-005481
- Zonotrichia iliaca
  - Evolution
    - 89-005557
  - Zoogeography
    - 89-005557
- Zonotrichia leucophrys
  - Imprinting
    - 89-005368
  - Social Behavior
    - 89-005368
  - Vocalization
    - 89-005341
    - 89-005368
- Zonotrichia leucophrys nuttalli
  - Breeding
    - 89-005385

...CONTINUED...
- Zonotrichia leucophrys nuttalli
  - Breeding Season
    - 89-005385
  - Social Behavior
    - 89-005364
  - Vocalization
    - 89-005364
    - 89-005478
- Zonotrichia melodia
  - Imprinting
    - 89-005368
  - Social Behavior
    - 89-005368
  - Vocalization
    - 89-005368
- Zosterops japonica
  - Molting
    - 89-005458



BOOK REVIEWS

Marchand, P. J. 1987. *Life in the Cold: An Introduction to Winter Ecology*. University Press of New England, 17 1/2 Lebanon St., Hanover, NH 03755. 192pp., 54 figs., 22 illus., 7 tables. ISBN 0-87451-416-9. Available from the publisher at $18.00 (cloth) and $9.95 (paper).

This book is well written, easily read, and very well illustrated. It is full of surprises, however, because of its inconsistencies; while some topics are covered in a competent, even excellent way, others are completely ignored or treated poorly. The title is illusory; the book deals solely with life during winter in North America, ignores completely the biology of species that live permanently in the cold, such as those in Antarctica or in the high mountain regions around the world.

The book is divided into seven chapters. Chapter 1 explains the three alternatives that organisms face because of the cold: migration, hibernation, or resistance. The section on migration is inaccurate, and the section on hibernation unsatisfactory. The third alternative, resistance, is the central focus of the next chapters. Chapter 2 is an excellent, informative section on the "physiology" of snow and paves the way to understanding many adaptations to living with snow. Chapter 3 is a flawless account of the problems and adaptations of plants in cold environments. I found it an excellent summary of current knowledge on the topic. Chapter 4 starts with a good, clear review of heat transfer in animals. The section on birds is inexact, however, and gives the impression that winter is a stressful period, although current evidence is inconclusive (Walsberg, G. E., 1983, "Avian Ecological Energetics," p. 161-220 in: *Avian Biology*, Volume 7). The author neglects many important new developments in the area of adaptive value of fate reserves in birds (Lima, S. L., 1986, "Predation Risk and Unpredictable Feeding Condition: Determinants of Body Mass in Birds," *Ecology* 67: 377-385). Chapter 5 briefly explores adaptations to life under ice. Chapter 6 is a good review of plant-animal interactions, with emphasis on cycles. And Chapter 7 briefly covers humans in the cold.

Editorially speaking, the book is well organized. It contains a good glossary and the index is excellent. The literature section, unfortunately, is not alphabetical, and it is hard to keep track of references that are cited more than once, because they subsequently appear in abbreviated form.

This book offers simple, interesting reading for the general biologist who needs a superficial overview of the topic. It can also be good supplementary reading for undergraduate students. I do not recommend it for specialists or graduate students, however, because most of it is shallow, and it does not include reference to the more specialized literature.--Gonzalo Castro, Biology Department, Colorado State University, Fort Collins, CO 80523.

Acanthodactylus boskianus
  Habitat Use
    89-005706
  Home Range/Territory
    89-005706
Acanthodactylus schmidti
  Habitat Use
    89-005706
  Home Range/Territory
    89-005706
Acris crepitans
  Adaptation
    89-005689
  Coloration
    89-005689
Adelphicos ibarrorum
  Morphology
    89-005725
  New Species
    89-005725
Agama agama
  Nematodes
    89-005818
  Parasites/Diseases
    89-005818
Agkistrodon caliginosus
  Venom
    89-005819
    89-005820
Alligator mississippiensis
  Antibiotics
    89-005785
  Bacterial Diseases
    89-005785
  Carbon Dioxide
    89-005832
  Foods/Feeding
    89-005748
  Parasites/Diseases
    89-005785
  Respiration
    89-005832
  Treatment
    89-005785
Ambystoma
  Gills
    89-005664
  Life History/General
    89-005617
  Nematodes
    89-005635
  Parasites/Diseases
    89-005635
  Respiration
    89-005664
  Teeth
    89-005617
Ambystoma andersoni
  Nematodes
    89-005634
  Parasites/Diseases
    89-005634
Ambystoma barbouri
  New Species
    89-005655
Ambystoma laterale
  Status/Iowa
    89-005624
Ambystoma lucustris
  Taxonomy
    89-005621
Ambystoma maculatum
  Acid Precipitation
    89-002940
  Breeding
    89-005674

...CONTINUED...
Ambystoma maculatum
  Migration
    89-005674
  Orientation/Homing
    89-005674
  pH
    89-002940
Ambystoma mexicanum
  Foods/Feeding
    89-005675
Ambystoma texanum
  Habits/Behavior
    89-005647
  Microhabitat
    89-005647
  Nematodes
    89-005633
  Parasites/Diseases
    89-005633
  Predator/Prey Relationships
    89-005647
  Status/Iowa
    89-005624
Ambystoma tigrinum
  Cloaca
    89-005669
  Glands
    89-005669
  Hormones
    89-005669
  Muscles
    89-005676
  Pheromones
    89-005669
  Tongue
    89-005676
Anguis fragilis
  Dentition
    89-005878
  Jaws
    89-005878
Anolis aeneus
  Habitat Use
    89-005858
  Home Range/Territory
    89-005858
  Intraspecies Relationships
    89-005858
  Morphology
    89-005858
Anolis anchicayae
  Habitat Use
    89-005729
  Predator/Prey Relationships
    89-005729
Anolis biporcatus
  Habitat Use
    89-005729
  Predator/Prey Relationships
    89-005729
Anolis carolinensis
  Glucose
    89-005799
  Metabolism
    89-005799
Anolis chloris
  Habitat Use
    89-005729
  Predator/Prey Relationships
    89-005729
Anolis chocorum
  Habitat Use
    89-005729
  Predator/Prey Relationships
    89-005729
Anolis fuscoauratus
  Parasites/Diseases
    89-005871

...CONTINUED...
Anolis fuscoauratus
  Protozoan Diseases
   89-005871
Anolis granuliceps
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Anolis latifrons
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Anolis limifrons
  Eggs
   89-005709
  Population Ecology
   89-005709
  Survival
   89-005709
Anolis lyra
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Anolis maccoyi
  Reproduction
   89-005839
Anolis macrolepis
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Anolis maculiventris
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Anolis notopholis
  Habitat Use
   89-005729
  Predator/Prey Relationships
   89-005729
Atelopus varius
  Dispersal
   89-005628
  Distribution/Costa Rica
   89-005628
  Habitat Use
   89-005628
  Microhabitat
   89-005628
Atractaspis engaddensis
  Venom
   89-005769
Austrelaps superbus
  Foods/Feeding
   89-005848
  Habitat Use
   89-005848
  Interspecies Relationships
   89-005848
Bitis atropos
  Distribution/South Africa
   89-005718
  Life History/General
   89-005718
  Taxonomy
   89-005718
Bitis caudalis
  Distribution/South Africa
   89-005718
  Life History/General
   89-005718
  Taxonomy
   89-005718
Bitis cornuta albanica
  Distribution/South Africa
   89-005718
  Life History/General
   89-005718
  Taxonomy
   89-005718
Blanus cinereus
  Habitat Use
   89-005824
  Life History/General
   89-005824
  Wildlife/Habitat Relationships
   89-005824
Boa constrictor
  Captive Animal Care
   89-005808
  Zoos
   89-005808
Boa constrictor ortoni
  Neoplasms
   89-005805
  Parasites/Diseases
   89-005805
Boiga irregularis
  Predation
   89-002948
Bombina bombina
  Distribution/Denmark
   89-005668
  Distribution/Sweden
   89-005614
  Food Supply
   89-005668
  Foods/Feeding
   89-005668
  Habitat Use
   89-005668
  Restoration
   89-005614
  Status/Denmark
   89-005622
  Stocking/Transplanting
   89-005614
Bombina orientalis
  Embryology
   89-005661
  Gonads
   89-005661
Bothrops alternatus
  Cestodes
   89-005746
  Parasites/Diseases
   89-005746
Botrhops ophryomegas
  Distribution/Costa Rica
   89-005854
  Karyotypes
   89-005854
  Scales
   89-005854
Bradypodion oxyrhinum
  New Species
   89-005791
  Taxonomy
   89-005791
Bradypodion tenue
  Taxonomy
   89-005791
Brookesia
  Head
   89-005781
  Osteology
   89-005781
  Taxonomy
   89-005781

- Bufo americanus
  - Locomotion
    - 89-005667
  - Mating
    - 89-005648
  - Modeling
    - 89-005611
  - Osmoregulation
    - 89-005667
  - Pair Formation
    - 89-005648
  - Predation
    - 89-005611
  - Predator/Prey Relationships
    - 89-005611
  - Water Metabolism
    - 89-005667
- Bufo bufo
  - Endocrinology
    - 89-005652
  - Foods/Feeding
    - 89-005653
  - Growth/Development
    - 89-005653
  - Habitat Use
    - 89-005687
  - Hormones
    - 89-005653
  - Mating
    - 89-005646
  - Movements
    - 89-005687
  - Photoperiodism
    - 89-005652
  - Temperature Relationships
    - 89-005652
  - Vocalization
    - 89-005646
- Bufo calamita
  - Breeding
    - 89-005686
  - Distribution/Sweden
    - 89-005613
    - 89-005691
  - Hybridization
    - 89-005691
  - Islands
    - 89-005613
  - Life History/General
    - 89-005613
  - Mating
    - 89-005693
  - Sex Ratio
    - 89-005693
- Bufo marinus
  - Hematology
    - 89-005616
  - Locomotion
    - 89-005667
  - Lymphatics
    - 89-005616
  - Osmoregulation
    - 89-005667
  - Water Metabolism
    - 89-005667
- Bufo valliceps
  - Vocalization
    - 89-005681
- Bufo viridis
  - Distribution/Sweden
    - 89-005691
  - Hybridization
    - 89-005691
  - Islands
    - 89-005612
  - Osmoregulation
    - 89-005685

...CONTINUED...
- Bufo viridis
  - Salinity
    - 89-005685
  - Status/Denmark
    - 89-005612
  - Urea
    - 89-005685
  - Urinary Bladder
    - 89-005685
- Bufo woodhousii
  - Vocalization
    - 89-005681
- Bungarus candidus
  - Attacks on Humans
    - 89-005794
  - Venom
    - 89-005794
- Bungarus fasciatus
  - Attacks on Humans
    - 89-005732
    - 89-005794
  - Venom
    - 89-005732
    - 89-005794
- Calloselasma rhodostoma
  - Attacks on Humans
    - 89-005732
    - 89-005794
  - Venom
    - 89-005732
    - 89-005794
- Caretta caretta
  - Embryology
    - 89-005793
  - Foods/Feeding
    - 89-005859
  - Head
    - 89-005793
  - Imprinting
    - 89-005859
  - Legs
    - 89-005882
  - Locomotion
    - 89-005882
  - Modeling
    - 89-005859
  - Olfactory Sense
    - 89-005859
  - Osteology
    - 89-005793
  - Swimming
    - 89-005882
- Chalcides ocellatus
  - Vomeronasal Organ
    - 89-005770
- Chamaeleo
  - Head
    - 89-005781
  - Osteology
    - 89-005781
  - Taxonomy
    - 89-005781
- Chamaeleo nasutus
  - Head
    - 89-005781
  - Osteology
    - 89-005781
  - Taxonomy
    - 89-005781
- Chelodina oblonga
  - Reproduction
    - 89-005792
  - Ultrasonic Waves
    - 89-005792
- Chelonia mydas
  - Amino Acids
    - 89-005884

...CONTINUED...
- Chelonia mydas
  - Captive Animal Care
    - 89-005763
  - Embryology
    - 89-005806
  - Growth/Development
    - 89-005884
  - Hormones
    - 89-005884
  - Incubation
    - 89-005806
  - Legs
    - 89-005882
  - Life History/General
    - 89-005717
    - 89-005763
  - Locomotion
    - 89-005882
  - Migration
    - 89-005717
  - Parasites/Diseases
    - 89-005767
  - Propagation
    - 89-005763
    - 89-005767
  - Sex Ratio
    - 89-005806
  - Swimming
    - 89-005882
  - Temperature Relationships
    - 89-005806
- Chelus fimbriatus
  - Food Supply
    - 89-005760
  - Foods/Feeding
    - 89-005760
  - Intraspecies Relationships
    - 89-005760
- Chinemys reevesii
  - Cytology
    - 89-005745
  - Hematology
    - 89-005745
- Chrysemys picta
  - Acclimation
    - 89-005796
  - Bioenergetics
    - 89-005736
  - Eggs
    - 89-005836
  - Hibernation
    - 89-005741
  - Hypoxia
    - 89-005796
  - Incubation
    - 89-005836
  - Metabolism
    - 89-005736
  - Movements
    - 89-005736
  - Nests/Nesting
    - 89-005736
  - Osmoregulation
    - 89-005741
  - Overwintering
    - 89-005741
  - Sperm
    - 89-005733
  - Temperature Relationships
    - 89-005741
    - 89-005796
  - Water Metabolism
    - 89-005741
- Chrysopelea paradisi
  - Bacterial Diseases
    - 89-005772

...CONTINUED...
- Chrysopelea paradisi
  - Parasites/Diseases
    - 89-005772
- Clemmys muhlenbergii
  - Distribution/Connecticut
    - 89-005875
  - Habitat Use
    - 89-005875
  - Status/Connecticut
    - 89-005875
- Cnemidophorus sexlineatus
  - Diurnal Rhythm
    - 89-005827
  - Seasonal Activities
    - 89-005827
- Crocodylus acutus
  - Life History/General
    - 89-005866
  - Status/Haiti
    - 89-005866
- Crocodylus johnstoni
  - Eggs
    - 89-005711
  - Nests/Nesting
    - 89-005876
  - Propagation
    - 89-005752
- Crocodylus mindorensis
  - Taxonomy
    - 89-005776
  - Zoogeography
    - 89-005776
- Crocodylus niloticus
  - Endocrinology
    - 89-005712
  - Osmoregulation
    - 89-005712
- Crocodylus novaeguineae
  - Taxonomy
    - 89-005776
  - Zoogeography
    - 89-005776
- Crocodylus palustris
  - Distribution/India
    - 89-005812
  - Life History/General
    - 89-005812
  - Management/India
    - 89-005849
  - Status/India
    - 89-005812
    - 89-005849
- Crocodylus porosus
  - Distribution/Australia
    - 89-005803
  - Distribution/India
    - 89-005812
  - Eggs
    - 89-005711
  - Life History/General
    - 89-005812
  - Management/India
    - 89-005849
  - Population Ecology
    - 89-005803
  - Propagation
    - 89-005752
  - Status/Australia
    - 89-005803
  - Status/India
    - 89-005812
    - 89-005849
- Crotalus
  - Attacks on Humans
    - 89-005869
  - Venom
    - 89-005869

- Crotalus atrox
  - Enzymes
    - 89-005856
  - Venom
    - 89-005856
- Crotalus durissus durissus
  - Breeding Season
    - 89-005852
  - Reproduction
    - 89-005852
- Crotalus durissus terrificus
  - Attacks on Humans
    - 89-005743
  - Venom
    - 89-005708
    - 89-005743
- Crotalus viridis
  - Foods/Feeding
    - 89-005731
  - Growth/Development
    - 89-005731
- Crotalus viridis viridis
  - Foods/Feeding
    - 89-005771
  - Home Range/Territory
    - 89-005771
  - Parturition
    - 89-005771
  - Parturition Grounds
    - 89-005771
  - Telemetry
    - 89-005771
  - Thermoregulation
    - 89-005771
- Cryptobranchus alleganiensis
  - Distribution/Ohio
    - 89-005673
  - Status/Ohio
    - 89-005673
- Cryptophis nigrescens
  - Hematology
    - 89-005831
  - Venom
    - 89-005831
- Ctenophryne marmorata
  - Species Identification
    - 89-005704
  - Taxonomy
    - 89-005704
- Cynops pyrrhogaster
  - Abnormalities
    - 89-005666
  - Morphology
    - 89-005666
- Deirochelys reticularia
  - Breeding Season
    - 89-005784
  - Clutches
    - 89-005784
  - Incubation
    - 89-005784
  - Nests/Nesting
    - 89-005784
  - Reproduction
    - 89-005784
- Dermochelys coriacea
  - Eggs
    - 89-005730
  - Incubation
    - 89-005730
  - Productivity
    - 89-005730
- Desmognathus apalachicolae
  - New Species
    - 89-005665
- Desmognathus imitator
  - Interspecies Relationships
    - 89-005698

...CONTINUED...

- Desmognathus imitator
  - Mating
    - 89-005698
- Desmognathus monticola
  - Foods/Feeding
    - 89-005679
  - Habitat Use
    - 89-005627
  - Microhabitat
    - 89-005627
  - pH
    - 89-005679
- Desmognathus ochrophaeus
  - Interspecies Relationships
    - 89-005698
  - Mating
    - 89-005698
- Desmognathus quadramaculatus
  - Foods/Feeding
    - 89-005679
  - pH
    - 89-005679
- Egernia
  - Taxonomy
    - 89-005782
- Elaphe guttata
  - Clutches
    - 89-005759
  - Eggs
    - 89-005759
  - Morphology
    - 89-005759
  - Reproduction
    - 89-005759
- Elaphe guttata guttata
  - Olfactory Sense
    - 89-005738
  - Tongue Flicking
    - 89-005738
- Eleutherodactylus
  - Electrophoresis
    - 89-005645
  - Evolution
    - 89-005645
  - Zoogeography
    - 89-005645
- Eleutherodactylus coqui
  - Growth/Development
    - 89-005702
  - Sexual Dimorphism
    - 89-005702
- Eleutherodactylus izecksohni
  - Morphology
    - 89-005625
  - New Species
    - 89-005625
- Elgaria cedrosensis
  - Coastal Habitat
    - 89-005774
  - Taxonomy
    - 89-005774
  - Zoogeography
    - 89-005774
- Elgaria multicarinata
  - Coastal Habitat
    - 89-005774
  - Taxonomy
    - 89-005774
  - Zoogeography
    - 89-005774
- Elgaria paucicarinata
  - Coastal Habitat
    - 89-005774
  - Taxonomy
    - 89-005774
  - Zoogeography
    - 89-005774

Emydura macquarii
  Eggs
    89-005865
  Incubation
    89-005865
  Microhabitat
    89-005865
  Nests/Nesting
    89-005865
Eublepharis kuroiwae kuroiwae
  Karyotypes
    89-005822
Eumeces laticeps
  Foods/Feeding
    89-005737
  Olfactory Sense
    89-005737
  Predator/Prey Relationships
    89-005737
Eumeces liui
  New Species
    89-005780
Eumeces popei
  New Species
    89-005779
Eumeces septentrionalis
  Breeding
    89-005855
  Broods/Brooding
    89-005855
Eurycea bislineata
  Predator/Prey Relationships
    89-005595
  Predators
    89-005595
Eurycea wilderae
  Predator/Prey Relationships
    89-005595
  Predators
    89-005595
Frogs/Toads
  Distribution/Australia
    89-005649
  Distribution/Australia: Western Australia
    89-005696
  Habitat Use
    89-005672
  Incubation
    89-005650
  Life History/General
    89-005649
  Metamorphosis
    89-005672
  Predators
    89-005464
  Temperature Relationships
    89-005650
Gavialis gangeticus
  Distribution/India
    89-005812
  Hypothalamus
    89-005862
  Life History/General
    89-005812
  Management/India
    89-005849
  Status/India
    89-005812
    89-005849
Gekko gecko
  Bacterial Diseases
    89-005772
  Parasites/Diseases
    89-005772
Gekko monarchus
  Bacterial Diseases
    89-005772

...CONTINUED...

Gekko monarchus
  Parasites/Diseases
    89-005772
Geocrinia victoriana
  Auditory Sense
    89-005659
  Vocalization
    89-005659
Gopherus agassizii
  Genetics
    89-005834
Graptemys geographica
  Growth/Development
    89-005783
  Sexual Dimorphism
    89-005783
Heleophryne hewitti
  New Species
    89-005619
Heloderma suspectum suspectum
  Captive Animal Care
    89-005881
  Propagation
    89-005881
  Zoos
    89-005881
Hemiaspis signata
  Foods/Feeding
    89-005848
  Habitat Use
    89-005848
  Interspecies Relationships
    89-005848
Hemidactylus frenatus
  Bacterial Diseases
    89-005772
  Parasites/Diseases
    89-005772
Hemidactylus mabouia
  Parasites/Diseases
    89-005798
  Protozoan Diseases
    89-005798
Hemiergis decresiensis
  Reproduction
    89-005839
Heosemys leytensis
  Morphology
    89-005724
  Taxonomy
    89-005724
Heterodon platirhinos
  Death Feigning
    89-005722
Hydromorphus concolor
  Male Reproductive Organs
    89-005742
  Taxonomy
    89-005742
Hyla allenorum
  New Species
    89-005631
Hyla arborea
  Distribution/Denmark
    89-005637
    89-005638
    89-005643
  Habitat Management
    89-005638
    89-005688
  Habitat Use
    89-005637
    89-005643
  Islands
    89-005637
    89-005643

...CONTINUED...
Hyla arborea
  Population Ecology
    89-005637
    89-005639
  Status/Denmark
    89-005639
Hyla chrysoscelis
  Modeling
    89-005611
  Predation
    89-005611
  Predator/Prey Relationships
    89-005611
Hyla cinerea
  Hybridization
    89-005658
  Water Metabolism
    89-005658
  Water Supply
    89-005658
Hyla crucifer
  Muscles
    89-005651
  Swimming
    89-005651
  Temperature Relationships
    89-005651
Hyla favosa
  Coloration
    89-005695
  Taxonomy
    89-005695
Hyla gratiosa
  Hybridization
    89-005658
  Water Metabolism
    89-005658
  Water Supply
    89-005658
Hyla koechlini
  New Species
    89-005631
Hyla leucophyllata
  Coloration
    89-005695
  Taxonomy
    89-005695
Hyla versicolor
  Ice
    89-005657
  Temperature Relationships
    89-005657
Hyperolius viridiflavus
  Desert Habitat
    89-005684
  Life History/General
    89-005684
  Metabolism
    89-005684
Iguana iguana
  Breeding Season
    89-005714
  Habitat Use
    89-005714
  Home Range/Territory
    89-005835
  Locomotion
    89-005727
  Movements
    89-005714
  Muscles
    89-005727
  Nests/Nesting
    89-005714
  Osteology
    89-005727

...CONTINUED...
Iguana iguana
  Respiration
    89-005727
Japalura brevipes
  Taxonomy
    89-005823
Lacerta agilis
  Dentition
    89-005878
  Jaws
    89-005878
  Life History/General
    89-005861
  Population Ecology
    89-005861
Lacerta schreiberi
  Habitat Use
    89-005843
  Life History/General
    89-005843
Lacerta vivipara
  Life History/General
    89-005861
  Population Ecology
    89-005861
Lampropeltis triangulum gentilis
  Hatching
    89-005880
  Incubation
    89-005880
Lepidochelys kempi
  Oil Pollution
    89-002942
  Survival
    89-002942
Lepidodactylus lugubris
  Eggs
    89-005719
  Social Behavior
    89-005719
Liasis olivaceus
  Propagation
    89-005809
Linguaelapsus
  Life History/General
    89-005617
  Teeth
    89-005617
Liolaemus
  Altitude
    89-005726
  Ectoparasites
    89-005726
  Montane Habitat
    89-005726
  Parasites/Diseases
    89-005726
  Population Ecology
    89-005726
  Temperature Relationships
    89-005726
Liolaemus pictus
  Habitat Use
    89-005800
  Microhabitat
    89-005800
Liolaemus tenuis
  Habitat Use
    89-005800
  Microhabitat
    89-005800
Litoria
  Taxonomy
    89-005654
Lizards
  Desert Habitat
    89-005830

...CONTINUED...
Lizards
  Distribution/Australia
    89-005844
    89-005879
  Distribution/India
    89-005811
  Evolution
    89-005757
    89-005758
    89-005775
    89-005833
    89-005841
  Forests, Tropical
    89-005844
  Habitat Use
    89-005830
  Habits/Behavior
    89-005801
  Heavy Metals
    89-002945
  Lead
    89-002945
  Life History/General
    89-005756
    89-005801
    89-005811
    89-005830
  Locomotion
    89-005872
  Male Reproductive Organs
    89-005877
  Morphology
    89-005757
  Muscles
    89-005841
    89-005845
  Paleobiology
    89-005728
    89-005757
    89-005764
  Species Diversity
    89-005879
  Status/India
    89-005811
  Taxonomy
    89-005756
    89-005758
    89-005775
    89-005833
    89-005841
    89-005845
  Temperature Relationships
    89-005872
  Tongue
    89-005845
  Trophic Relationships
    89-005830
  Winter
    89-005801
  Zoogeography
    89-005775
    89-005844
Mabuya multifasciata
  Bacterial Diseases
    89-005772
  Parasites/Diseases
    89-005772
Mabuya striata
  Bioenergetics
    89-005815
  Thermoregulation
    89-005815
Micrurus nigrocinctus
  Reproduction
    89-005853
Morelia spilota
  Breeding Season
    89-005850

...CONTINUED...
Morelia spilota
  Clutches
    89-005850
  Mating
    89-005850
  Reproduction
    89-005850
  Telemetry
    89-005850
Naja kaouthia
  Attacks on Humans
    89-005794
  Venom
    89-005794
Naja naja siamensis
  Attacks on Humans
    89-005732
  Venom
    89-005732
Natrix natrix
  Genetics
    89-005867
  Jaws
    89-005838
  Muscles
    89-005838
  Sexual Dimorphism
    89-005868
  Zoogeography
    89-005867
    89-005868
Nectocaecilia fasciata
  Taxonomy
    89-005700
Neobatrachus
  Genetics
    89-005663
  Karyotypes
    89-005663
  Taxonomy
    89-005663
Nerodia sipedon
  Islands
    89-005789
  Zoogeography
    89-005789
Nerodia taxispilota
  Reproduction
    89-005778
Notechis scutatus
  Foods/Feeding
    89-005848
  Habitat Use
    89-005848
  Interspecies Relationships
    89-005848
Notophthalmus viridescens dorsalis
  Metamorphosis
    89-005644
  Predators
    89-005611
  Sexual Maturity
    89-005644
Notophthalmus viridescens louisianensis
  Distribution/Illinois
    89-005626
  Life History/General
    89-005626
  Status/Iowa
    89-005624
Ophidiocephalus taeniatus
  Distribution/Australia
    89-005754
  Life History/General
    89-005754
Ophiophagus hannah
  Attacks on Humans
    89-005732

...CONTINUED...
Ophiophagus hannah
Venom
89-005732
Oxybelis argenteus
Parasites/Diseases
89-005871
Protozoan Diseases
89-005871
Oxyuranus microlepidotus
Morphology
89-005740
Taxonomy
89-005740
Oxyuranus scutellatus
Morphology
89-005740
Taxonomy
89-005740
Pachydactylus bibroni
Bioenergetics
89-005815
Thermoregulation
89-005815
Pelobates syriacus syriacus
Foods/Feeding
89-005683
Peltochelys duchastelli
Osteology
89-005804
Taxonomy
89-005804
Peltophryne peltocephala
Taxonomy
89-005697
Phrynocephalus interscapularis
Electrophoresis
89-005821
Genetics
89-005821
Population Ecology
89-005821
Pituophis melanoleucus
Incubation
89-005721
Sex Ratio
89-005721
Temperature Relationships
89-005721
Plethodon cinereus
Aggressive Behavior
89-005670
Foods/Feeding
89-005670
Home Range/Territory
89-005670
Plethodon vehiculum
Aggressive Behavior
89-005671
Home Range/Territory
89-005671
Movements
89-005671
Pleurodeles waltl
Ammonia
89-002941
Hormones
89-005632
Liver
89-005632
pH
89-002941
Podarcis hispanica
Habitat Use
89-005824
Life History/General
89-005824

...CONTINUED...
Podarcis hispanica
Wildlife/Habitat Relationships
89-005824
Psammophylax rhombeatus rhombeatus
Foods/Feeding
89-005873
Pseudechis porphyriacus
Foods/Feeding
89-005848
Habitat Use
89-005848
Interspecies Relationships
89-005848
Pseudemys floridana
Breeding Season
89-005784
Clutches
89-005784
Incubation
89-005784
Nests/Nesting
89-005784
Reproduction
89-005784
Pseudemys nelsoni
Breeding Season
89-005784
Clutches
89-005784
Incubation
89-005784
Nests/Nesting
89-005784
Reproduction
89-005784
Pseudonaja textilis
Foods/Feeding
89-005848
Habitat Use
89-005848
Interspecies Relationships
89-005848
Pseudophryne bibronii
Embryology
89-005620
Growth/Development
89-005620
Oxygen
89-005620
Survival
89-005641
Temperature Relationships
89-005641
Water Metabolism
89-005641
Water Supply
89-005641
Ptychohyla
Taxonomy
89-005701
Ptychohyla merazi
New Species
89-005701
Ptyodactylus hasselquistii
Bioenergetics
89-005816
Body Temperature
89-005816
Nocturnal Activities
89-005816
Water Metabolism
89-005816
Rana arvalis
Acid Precipitation
89-002938
Life History/General
89-005662

...CONTINUED...
Rana arvalis
  Life History/General
    89-005692
  pH
    89-002938
  Predators
    89-005662
    89-005692
  Survival
    89-005662
Rana catesbeiana
  Auditory Sense
    89-005629
  Home Range/Territory
    89-005629
  Recordings
    89-005629
  Vocalization
    89-005629
Rana clamitans
  Locomotion
    89-005667
  Osmoregulation
    89-005667
  Water Metabolism
    89-005667
Rana dalmatina
  Acid Precipitation
    89-002938
  Distribution/Denmark
    89-005677
    89-005699
  Distribution/Sweden
    89-005690
  Interspecies Relationships
    89-005677
  pH
    89-002938
  Status/Denmark
    89-005699
Rana esculenta
  Hormones
    89-002924
  Iodine
    89-002924
  Parasites/Diseases
    89-005615
  Protozoan Diseases
    89-005615
  Thyroid Gland
    89-002924
Rana limnocharis
  Embryology
    89-005703
Rana pipiens
  Locomotion
    89-005667
  Osmoregulation
    89-005667
  Water Metabolism
    89-005667
Rana sphenocephala
  Modeling
    89-005611
  Predation
    89-005611
  Predator/Prey Relationships
    89-005611
Rana temporaria
  Acid Precipitation
    89-002938
  Aging
    89-005642
  Altitude
    89-005642
  Breeding
    89-005660

...CONTINUED...
Rana temporaria
  Breeding Season
    89-005694
  Distribution/Denmark
    89-005677
  Distribution/Finland
    89-005694
  Distribution/Sweden
    89-005660
  Growth/Development
    89-005682
  Habitat Use
    89-005660
  History/Finland
    89-005694
  Interspecies Relationships
    89-005677
  Life History/General
    89-005662
    89-005692
  Nests/Nesting
    89-005660
  pH
    89-002938
  Predators
    89-003831
    89-005662
    89-005692
  Sexual Maturity
    89-005642
  Survival
    89-005662
Rhacodactylus leachianus
  Lungs
    89-005828
Rhampholeon
  Head
    89-005781
  Osteology
    89-005781
  Taxonomy
    89-005781
Rhycosiredon
  Life History/General
    89-005617
  Teeth
    89-005617
Salamanders
  Evolution
    89-005656
  Genetics
    89-005656
Salamandra atra
  Aging
    89-005636
  Growth/Development
    89-005636
  Osteology
    89-005636
Salamandrina terdigitata
  Glands
    89-005630
  Male Reproductive Organs
    89-005630
Sauromalus obesus
  Reproduction
    89-005705
  Sexual Maturity
    89-005705
  Sperm
    89-005705
  Spermatogenesis
    89-005705
Scaphiopus holbrookii
  Modeling
    89-005611

...CONTINUED...
- Scaphiopus holbrookii
  - Predation
    - 89-005611
  - Predator/Prey Relationships
    - 89-005611
- Sceloporus merriami
  - Body Temperature
    - 89-005768
  - Desert Habitat
    - 89-005768
  - Life History/General
    - 89-005768
  - Temperature Relationships
    - 89-005768
  - Thermoregulation
    - 89-005768
- Sceloporus undulatus erythrocheilus
  - Habitat Use
    - 89-005765
  - Predators
    - 89-005765
  - Tails
    - 89-005765
- Sceloporus undulatus garmani
  - Movements
    - 89-005797
  - Parietal Eye
    - 89-005797
  - Phototactic Behavior
    - 89-005797
- Sceloporus variabilis teapensis
  - Parasites/Diseases
    - 89-005798
  - Protozoan Diseases
    - 89-005798
- Sistrurus
  - Attacks on Humans
    - 89-005869
  - Venom
    - 89-005869
- Snakes
  - Attacks on Humans
    - 89-005863
  - Captive Animal Care
    - 89-005840
  - Distribution/India
    - 89-005813
  - Evolution
    - 89-005807
  - Heavy Metals
    - 89-002945
  - Lead
    - 89-002945
  - Life History/General
    - 89-005807
    - 89-005813
  - Propagation
    - 89-005840
  - Status/India
    - 89-005813
  - Venom
    - 89-005739
    - 89-005857
    - 89-005863
  - Zoogeography
    - 89-005807
- Sphenomorphus jobiensis
  - Electrophoresis
    - 89-005751
  - Genetics
    - 89-005751
- Stenodactylus doriae
  - Burrows
    - 89-005716
  - Tails
    - 89-005716
- Stenodactylus petrii
  - Burrows
    - 89-005716
  - Tails
    - 89-005716
- Sternotherus depressus
  - Life History/General
    - 89-005749
  - Population Ecology
    - 89-005749
  - Riparian Habitat
    - 89-005749
  - Wildlife/Habitat Relationships
    - 89-005749
- Sternotherus minor
  - Carapace
    - 89-005755
- Sternotherus odoratus
  - Population Ecology
    - 89-005750
  - Status/Alabama
    - 89-005750
- Telmatobufo bullocki
  - Morphology
    - 89-005640
- Tenuidactylus montiumsalsorum
  - Life History/General
    - 89-005787
  - Taxonomy
    - 89-005787
- Terrapene carolina carolina
  - Modeling
    - 89-005777
  - Movements
    - 89-005777
  - Telemetry
    - 89-005777
- Terrapene carolina triunguis
  - Distribution/Illinois
    - 89-005826
- Testudo graeca
  - Trachea
    - 89-005825
- Testudo sulcata
  - Captive Animal Care
    - 89-005744
  - Propagation
    - 89-005744
- Thamnophis ordinoides
  - Predation
    - 89-005595
  - Predator/Prey Relationships
    - 89-005595
- Thamnophis sirtalis
  - Coloration
    - 89-005790
  - Genetics
    - 89-005790
  - Islands
    - 89-005789
    - 89-005790
  - Melanism
    - 89-005790
  - Olfactory Sense
    - 89-005738
  - Predation
    - 89-002957
  - Respiration
    - 89-005761
  - Temperature Relationships
    - 89-005761
  - Tongue Flicking
    - 89-005738
  - Zoogeography
    - 89-005789
- Thamnophis sirtalis parietalis
  - Mating
    - 89-005786

- Tiliqua
  - Taxonomy
    - 89-005782
- Trachemys scripta
  - Breeding Season
    - 89-005784
  - Clutches
    - 89-005784
  - Incubation
    - 89-005784
  - Nests/Nesting
    - 89-005784
  - Reproduction
    - 89-005784
- Trachemys scripta elegans
  - Trachea
    - 89-005825
- Trachydosaurus rugosus
  - Dispersal
    - 89-005720
  - Hormones
    - 89-005715
  - Reproduction
    - 89-005715
  - Social Behavior
    - 89-005720
- Trimeresurus albolabris
  - Attacks on Humans
    - 89-005732
  - Venom
    - 89-005732
- Trimeresurus flavoviridis
  - Clutches
    - 89-005759
  - Eggs
    - 89-005759
  - Morphology
    - 89-005759
  - Reproduction
    - 89-005759
  - Venom
    - 89-005883
- Trimeresurus mucrosquamatus
  - Venom
    - 89-005870
- Trimeresurus okinavensis
  - Clutches
    - 89-005759
  - Eggs
    - 89-005759
  - Morphology
    - 89-005759
  - Reproduction
    - 89-005759
- Tropidurus albemarlensis
  - Defensive Behavior
    - 89-005851
  - Predator/Prey Relationships
    - 89-005851
- Turtles
  - Aging
    - 89-005734
  - Distribution/India
    - 89-005814
  - Habitat Management
    - 89-005810
  - Life History/General
    - 89-005707
    - 89-005814
    - 89-005860
  - Nesting Sites
    - 89-005810
  - Nests/Nesting
    - 89-005810
  - Sperm
    - 89-005766

...CONTINUED...

- Turtles
  - Status
    - 89-005707
  - Status/India
    - 89-005814
- Unechis gouldii
  - Foods/Feeding
    - 89-005848
  - Habitat Use
    - 89-005848
  - Interspecies Relationships
    - 89-005848
- Uperoleia rugosa
  - Mating
    - 89-005678
- Varanus
  - Evolution
    - 89-005795
  - Foods/Feeding
    - 89-005795
  - Life History/General
    - 89-005795
- Varanus gouldii
  - Life History/General
    - 89-005788
  - Temperature Relationships
    - 89-005788
- Varanus niloticus
  - Predators
    - 89-002961
- Varanus salvator
  - Bacterial Diseases
    - 89-005772
  - Parasites/Diseases
    - 89-005772
- Vipera aspis
  - Predation
    - 89-002958
- Vipera lebetina
  - Taxonomy
    - 89-005817
- Vipera lebetina transmediterranea
  - New Subspecies
    - 89-005817
- Vipera mauritanica
  - Taxonomy
    - 89-005817
- Vipera russelli
  - Attacks on Humans
    - 89-005732
    - 89-005794
  - Venom
    - 89-005732
    - 89-005794
    - 89-005874
- Xenopus laevis
  - Immunity
    - 89-005680
  - Metamorphosis
    - 89-005680

SUBSCRIPTION INFORMATION

For current subscription price contact:

The Government Printing Office
Superintendent of Documents
Washington,D.C. 20402

"Subscription to *Wildlife Review*" should be clearly written on the check.

U.S. Federal Agencies in wildlife-related fields and individuals or agencies who exchange domestic or foreign publications may receive free subscriptions to *Wildlife Review* by writing to:

Office of Information Transfer
Fisheries Review - Wildlife Review
U.S. Fish and Wildlife Service
1025 Pennock Place
Fort Collins, CO 80524

CHANGE OF ADDRESS

If WR is the first entry on the first line of your address label, send your new address and your former address exactly as it appears on your mailing label to:

The Government Printing Office
Superintendent of Documents
Washington, DC 20402

If a 12-character code appears on the first line of the label, send your new address and your former address exactly as it appears on your mailing label to:

Office of Information Transfer
Fisheries Review - Wildlife Review
U.S. Fish and Wildlife Service
1025 Pennock Place
Fort Collins, Colorado 80524

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
OFFICE OF INFORMATION TRANSFER
1025 PENNOCK PLACE
FORT COLLINS, COLORADO 80524

PRESORTED
SPECIAL FOURTH-CLASS RATE
POSTAGE & FEES PAID
USDI
PERMIT No. G-77